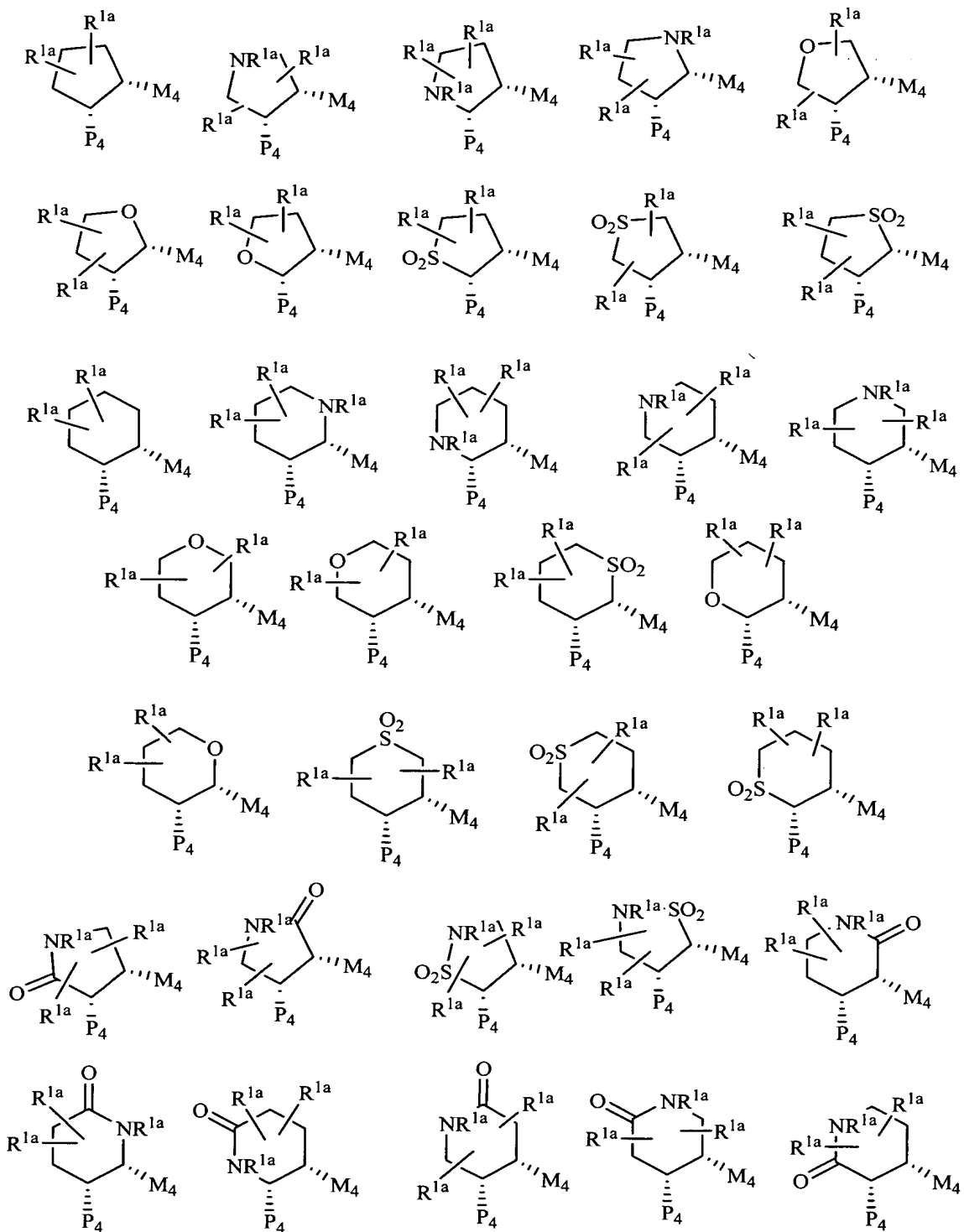
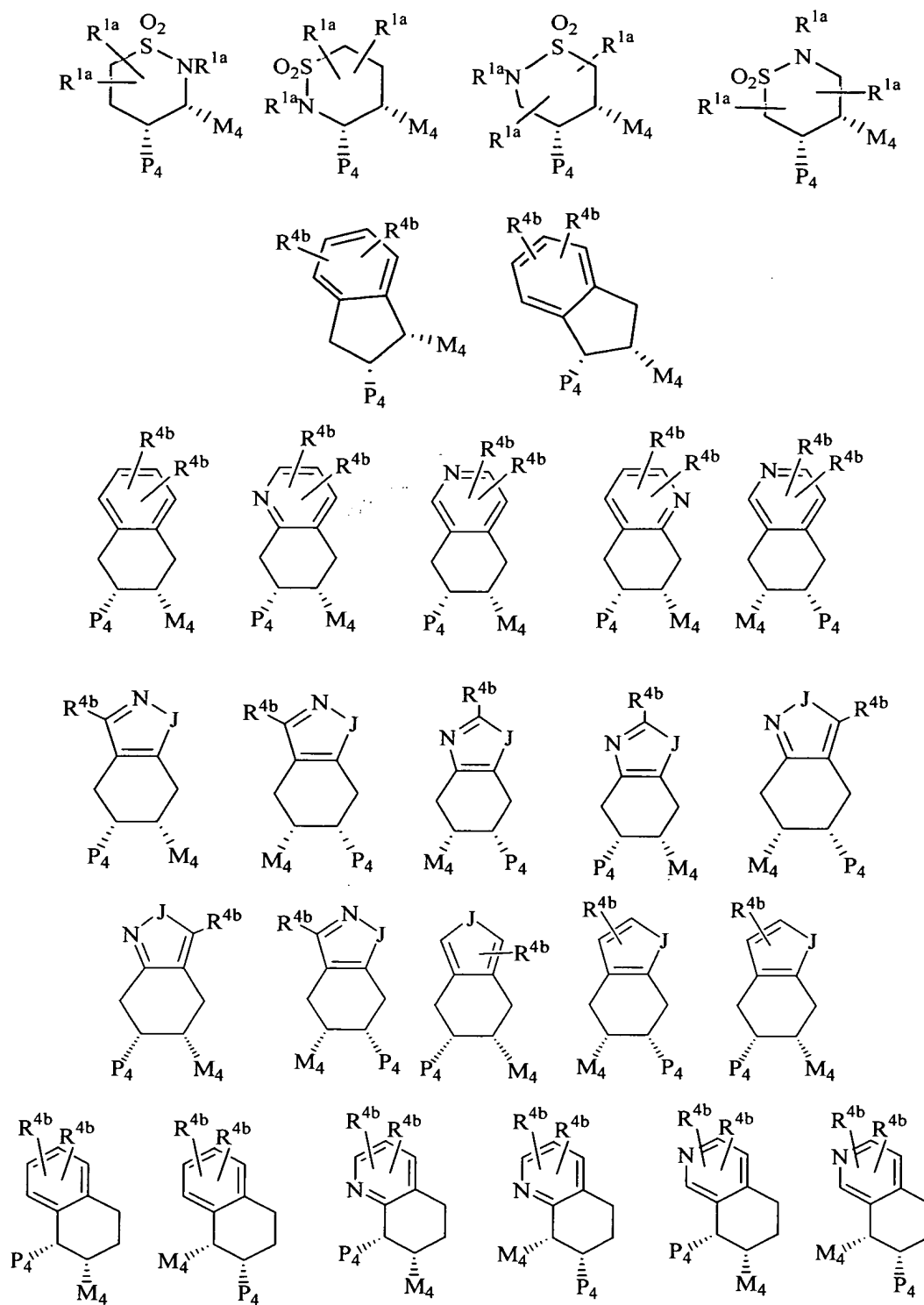
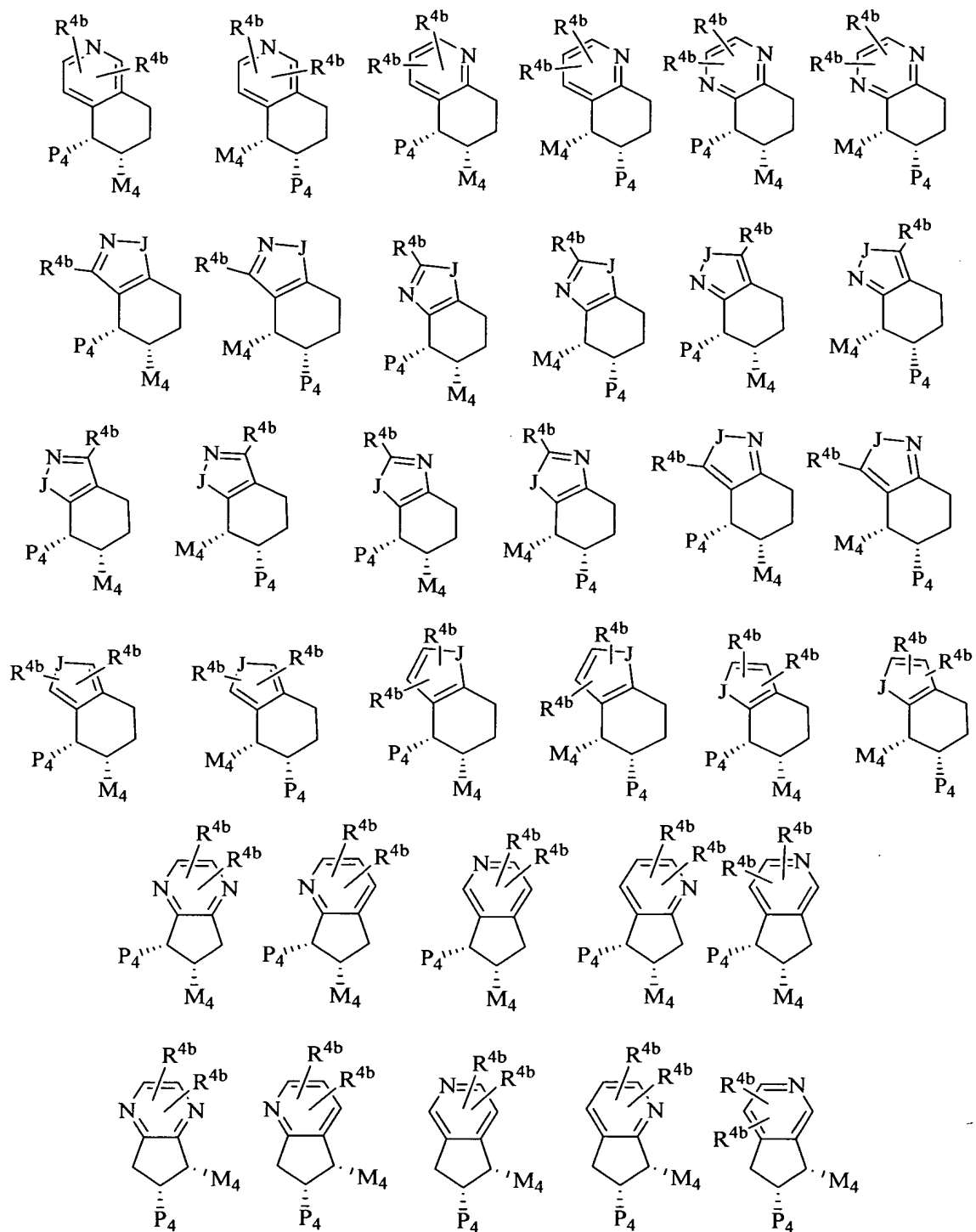


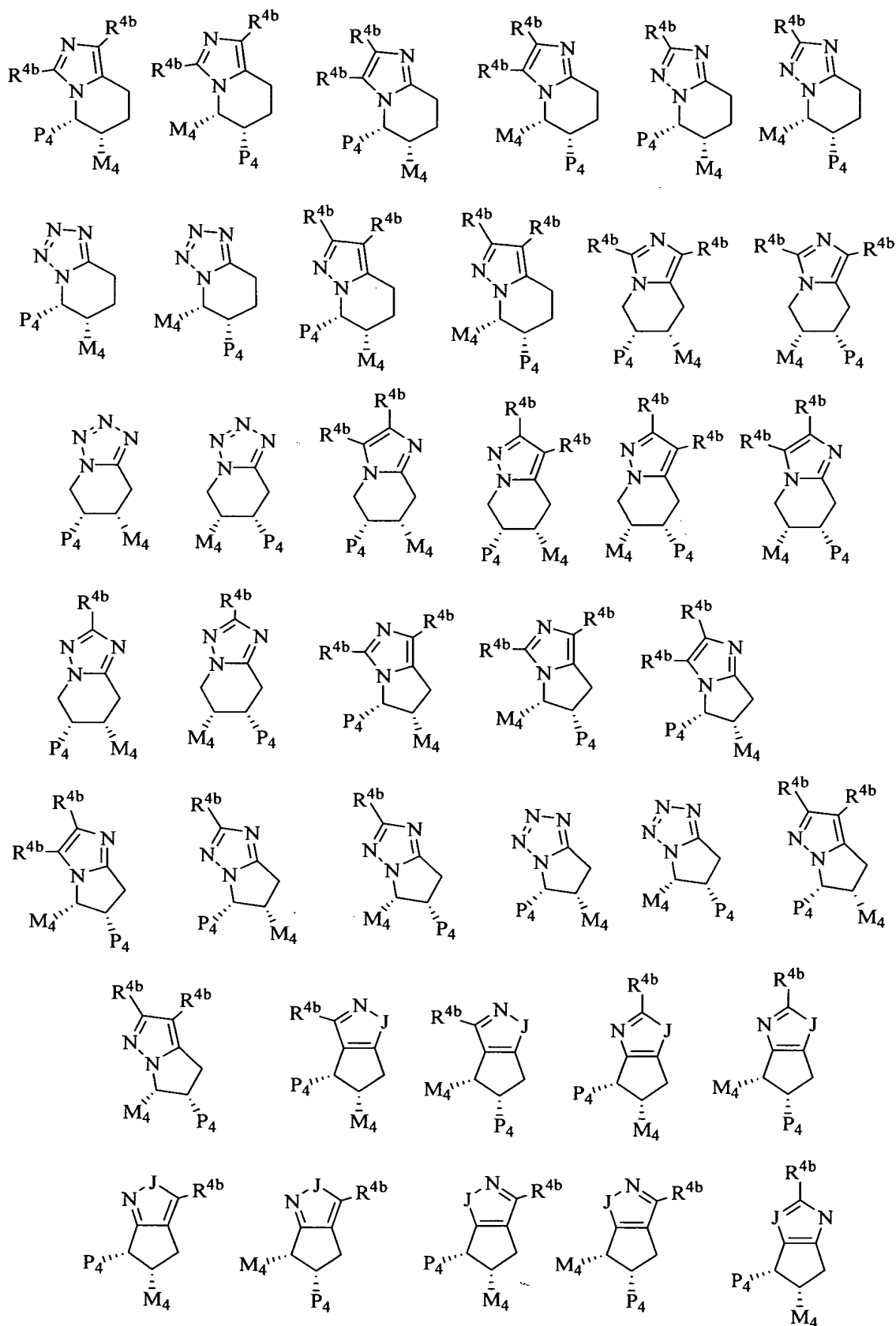
## WHAT IS CLAIMED IS:

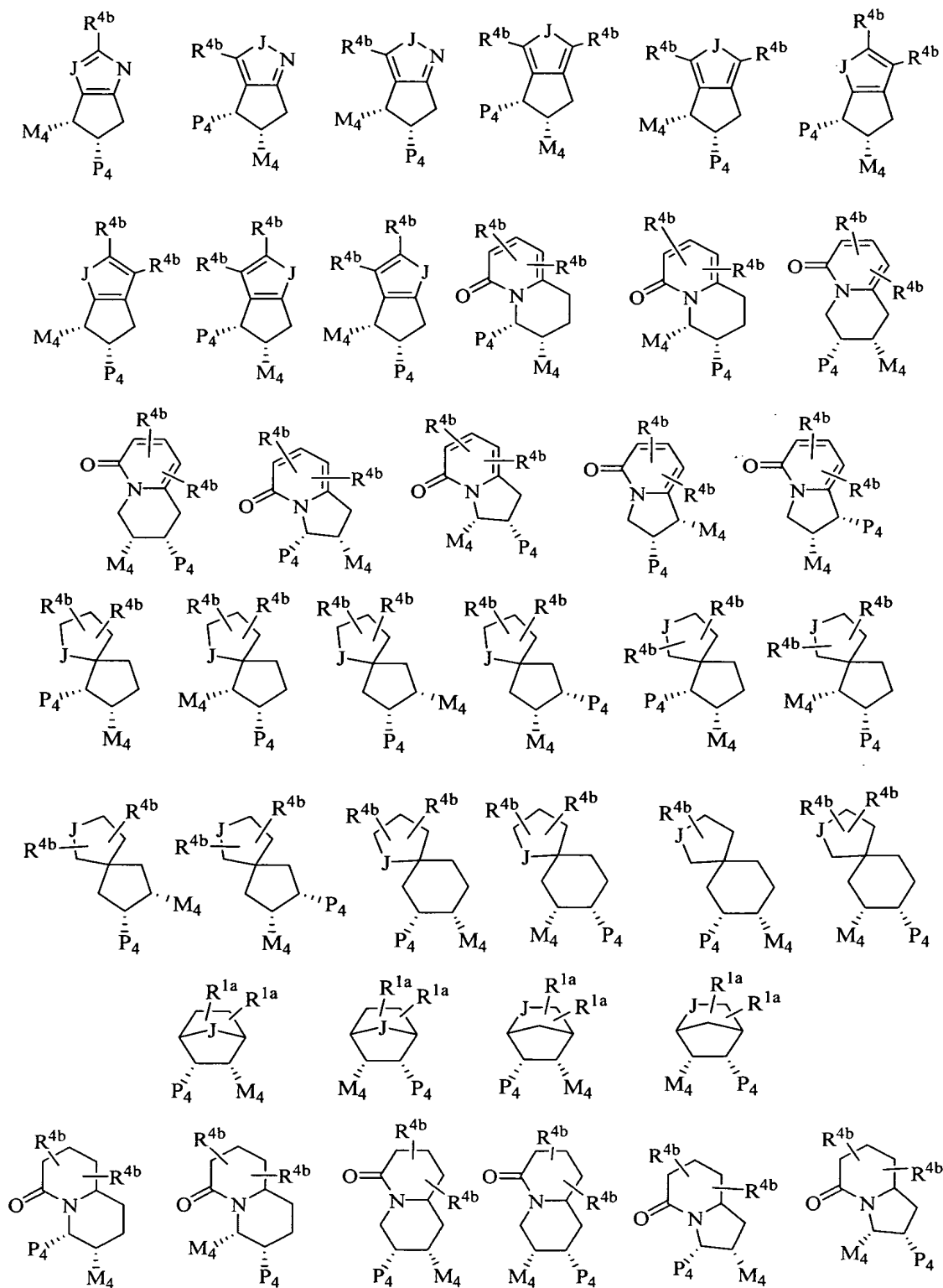
1. A compound selected from:

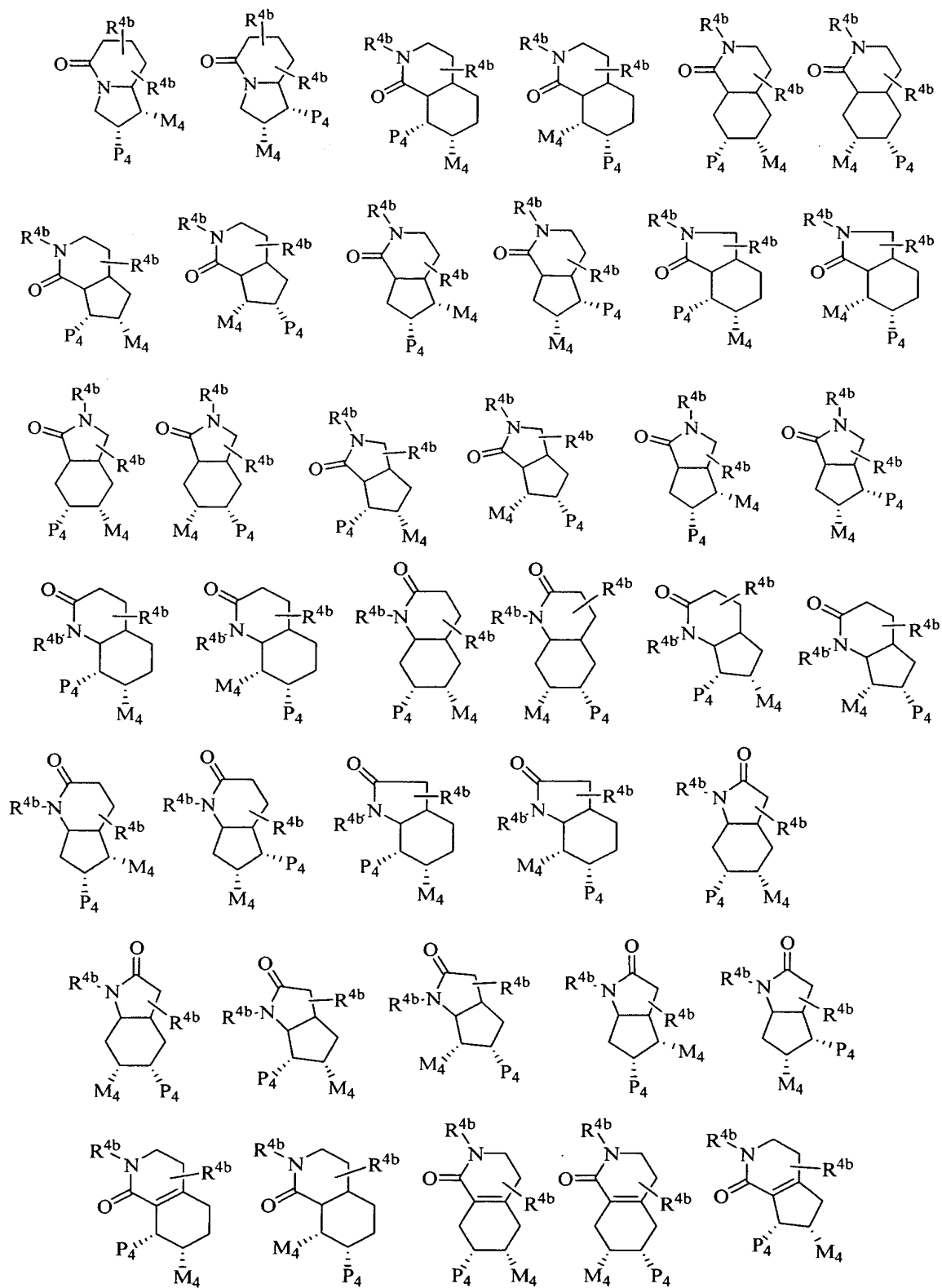


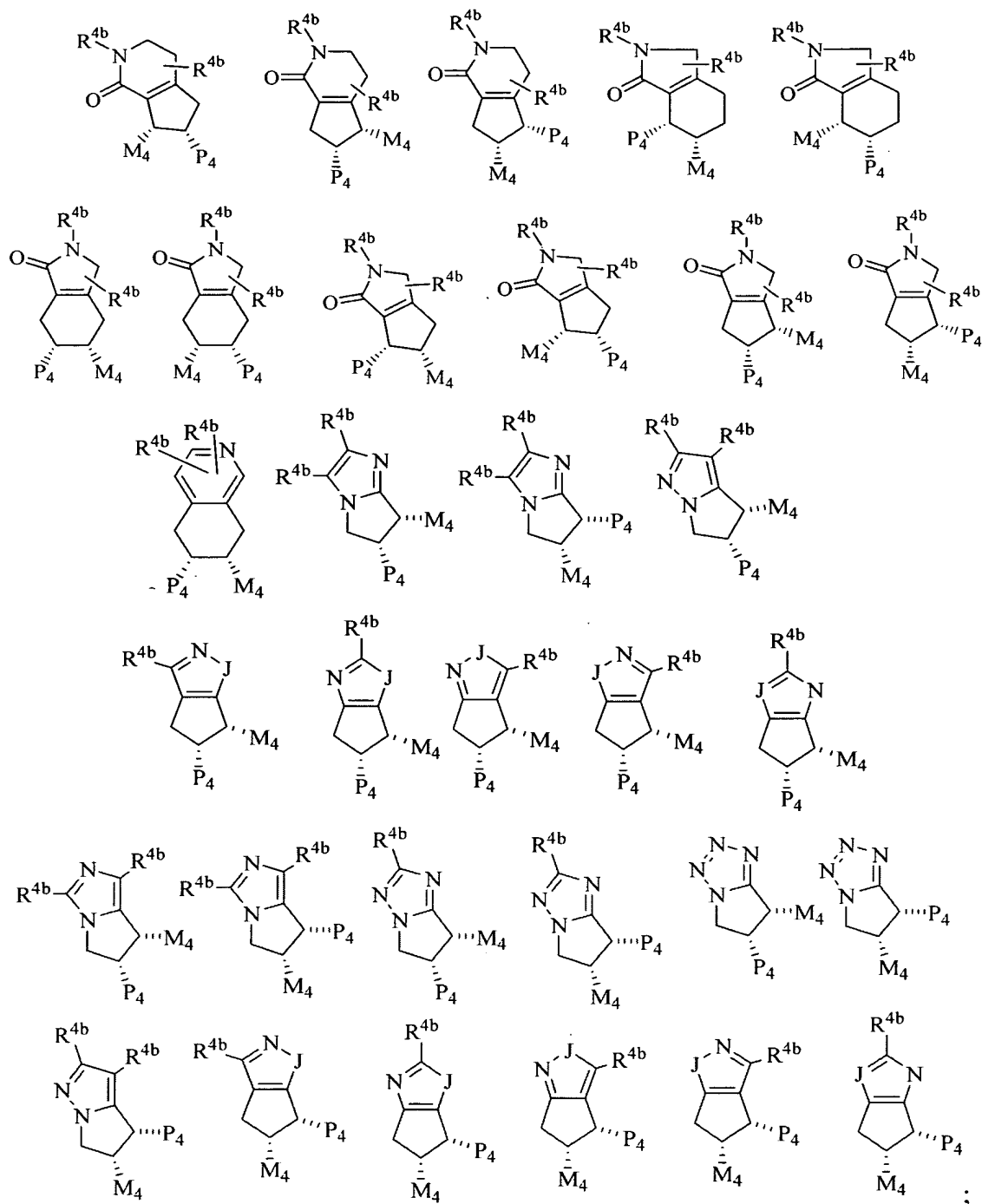






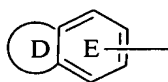




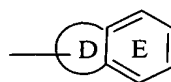


or a stereoisomer or pharmaceutically acceptable salt thereof, wherein:

- 5 J is selected from O, S, S(O)<sub>2</sub>, CR<sup>1a</sup>, and NR<sup>1a</sup>;  
 one of P<sub>4</sub> and M<sub>4</sub> is -Z-A-B and the other -G<sub>1</sub>-G;  
 G is a group of formula IIa or IIb:



IIa



IIb

ring D, including the two atoms of Ring E to which it is attached, is a 5-6  
 5 membered ring consisting of carbon atoms and 0-2 heteroatoms selected from the  
 group consisting of N, O, and S(O)<sub>p</sub>;

ring D is substituted with 0-2 R and there are 0-3 ring double bonds;

E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, and pyridazinyl, and  
 is substituted with 1-3 R;

alternatively, ring D is absent and ring E is selected from phenyl, pyridyl,  
 10 pyrimidyl, pyrazinyl, pyridazinyl, pyrrolyl, pyrazolyl, imidazolyl, isoxazolyl,  
 oxazolyl, triazolyl, thienyl, and thiazolyl, and ring E is substituted with 1-3 R;

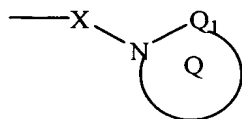
alternatively, ring D is absent and ring E is selected from phenyl, pyridyl,  
 pyrimidyl, pyrazinyl, pyridazinyl, pyrrolyl, pyrazolyl, imidazolyl, isoxazolyl,  
 oxazolyl, triazolyl, thienyl, and thiazolyl, and ring E is substituted with 1 R and with a  
 15 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected  
 from the group consisting of N, O, and S(O)<sub>p</sub>, wherein the 5-6 membered heterocycle  
 is substituted with 0-2 carbonyls and 1-3 R and there are 0-3 ring double bonds;

R is selected from H, C<sub>1-4</sub> alkyl, F, Cl, Br, I, OH, OCH<sub>3</sub>, OCH<sub>2</sub>CH<sub>3</sub>,  
 OCH(CH<sub>3</sub>)<sub>2</sub>, OCH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, -CN, NH<sub>2</sub>, NH(C<sub>1-3</sub> alkyl), N(C<sub>1-3</sub> alkyl)<sub>2</sub>,  
 20 C(=NH)NH<sub>2</sub>, CH<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>NH(C<sub>1-3</sub> alkyl), CH<sub>2</sub>N(C<sub>1-3</sub> alkyl)<sub>2</sub>, CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>,  
 CH<sub>2</sub>CH<sub>2</sub>NH(C<sub>1-3</sub> alkyl), CH<sub>2</sub>CH<sub>2</sub>N(C<sub>1-3</sub> alkyl)<sub>2</sub>, C(=NR<sup>8</sup>)NR<sup>7</sup>R<sup>9</sup>,  
 NHC(=NR<sup>8</sup>)NR<sup>7</sup>R<sup>9</sup>, ONHC(=NR<sup>8</sup>)NR<sup>7</sup>R<sup>9</sup>, NR<sup>8</sup>CH(=NR<sup>7</sup>), (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>C(O)H,  
 (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>C(O)R<sup>2c</sup>, (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>7</sup>R<sup>8</sup>, (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>C(O)NR<sup>7</sup>R<sup>8</sup>, (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>7</sup>C(O)R<sup>7</sup>,  
 (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>OR<sup>3</sup>, (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>S(O)<sub>p</sub>NR<sup>7</sup>R<sup>8</sup>, (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>7</sup>S(O)<sub>p</sub>R<sup>7</sup>, (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>SR<sup>3</sup>,  
 25 (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>S(O)R<sup>3</sup>, (CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>S(O)<sub>2</sub>R<sup>3</sup>, and OCF<sub>3</sub>, provided that S(O)<sub>p</sub>R<sup>7</sup> and S(O)<sub>2</sub>R<sup>3</sup>  
 form other than S(O)<sub>2</sub>H or S(O)H;

alternatively, when 2 R groups are attached to adjacent atoms, they combine to  
 form methylenedioxy or ethylenedioxy;



A is selected from: C<sub>3-10</sub> carbocycle substituted with 0-2 R<sup>4</sup>, and 5-12 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub> and substituted with 0-2 R<sup>4</sup>;



5 B is ; provided that Z and B are attached to different atoms on A and that the A-X-N moiety forms other than a N-N-N group;

Q<sub>1</sub> is selected from C=O and SO<sub>2</sub>;

ring Q is a 4-7 membered monocyclic or tricyclic ring consisting of, in addition to the N-Q<sub>1</sub> group shown, carbon atoms and 0-2 heteroatoms selected from  
10 NR<sup>4c</sup>, O, and S(O)<sub>p</sub>, wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R<sup>4a</sup>;

alternatively, ring Q is a 4-7 membered ring to which another ring is fused, wherein: the 4-7 membered ring consists of, in addition to the N-Q<sub>1</sub> group shown, carbon atoms and 0-2 heteroatoms selected from NR<sup>4c</sup>, O, and S(O)<sub>p</sub> and 0-1 double  
15 bonds are present within the ring; the fusion ring is phenyl or a 5-6 membered heteroaromatic consisting of carbon atoms and 1-2 heteroatoms selected from NR<sup>4c</sup>, O, and S(O)<sub>p</sub>;

ring Q, which includes the 4-7 membered ring and the fusion ring, is substituted with 0-3 R<sup>4a</sup>;

20 X is absent or is selected from (CR<sup>2</sup>R<sup>2a</sup>)<sub>1-4</sub>, C(O), C(O)CR<sup>2</sup>R<sup>2a</sup>, CR<sup>2</sup>R<sup>2a</sup>C(O), S(O)<sub>2</sub>, S(O)<sub>2</sub>CR<sup>2</sup>R<sup>2a</sup>, CR<sup>2</sup>R<sup>2a</sup>S(O)<sub>2</sub>, NR<sup>2</sup>S(O)<sub>2</sub>, NR<sup>2</sup>CR<sup>2</sup>R<sup>2a</sup>, and OCR<sup>2</sup>R<sup>2a</sup>, wherein the left side of X is attached to ring A;

G<sub>1</sub> is selected from (CR<sup>3</sup>R<sup>3a</sup>)<sub>1-5</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>0-2</sub>CR<sup>3</sup>=CR<sup>3</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>0-2</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>0-2</sub>C≡C(CR<sup>3</sup>R<sup>3a</sup>)<sub>0-2</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>,  
25 (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)O(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>OC(O)(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>O(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3e</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>C(O)(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>OC(O)NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>C(O)O(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>,



- $(\text{CR}^3\text{R}^{3a})_u\text{NR}^{3b}\text{C}(\text{O})(\text{CR}^3\text{R}^{3a})_u\text{C}(\text{O})(\text{CR}^3\text{R}^{3a})_w$ ,  
 $(\text{CR}^3\text{R}^{3a})_u\text{C}(\text{O})(\text{CR}^3\text{R}^{3a})_u\text{C}(\text{O})\text{NR}^{3b}(\text{CR}^3\text{R}^{3a})_w$ ,  
 $(\text{CR}^3\text{R}^{3a})_u\text{NR}^{3b}\text{C}(\text{O})(\text{CR}^3\text{R}^{3a})_u\text{C}(\text{O})\text{NR}^{3b}(\text{CR}^3\text{R}^{3a})_w$ ,  
 $(\text{CR}^3\text{R}^{3a})_u\text{S}(\text{O})_2\text{NR}^{3b}\text{C}(\text{O})(\text{CR}^3\text{R}^{3a})_w$ ,  $(\text{CR}^3\text{R}^{3a})_u\text{C}(\text{O})\text{NR}^{3b}\text{S}(\text{O})_2(\text{CR}^3\text{R}^{3a})_w$ ,  
5  $(\text{CR}^3\text{R}^{3a})_u\text{S}(\text{O})_2\text{NR}^{3b}\text{C}(\text{O})\text{NR}^{3b}(\text{CR}^3\text{R}^{3a})_w$ ,  
 $(\text{CR}^3\text{R}^{3a})_u\text{NR}^{3b}\text{C}(\text{O})(\text{CR}^3\text{R}^{3a})_u\text{C}(\text{S})\text{NR}^{3b}(\text{CR}^3\text{R}^{3a})_w$ , and  
 $(\text{CR}^3\text{R}^{3a})_u\text{NR}^{3b}\text{C}(\text{S})(\text{CR}^3\text{R}^{3a})_u\text{C}(\text{O})\text{NR}^{3b}(\text{CR}^3\text{R}^{3a})_w$ , wherein  $u+w$  or  $u+u+w$  total 0,  
1, 2, 3, or 4, and the right side of Z is attached to ring A, provided that Z does not  
form an N-S, NCH<sub>2</sub>N, NCH<sub>2</sub>O, or NCH<sub>2</sub>S bond with either group to which it is  
10 attached;
- $\text{R}^{1a}$ , at each occurrence, is selected from H,  $-(\text{CR}^3\text{R}^{3a})_r\text{R}^{1b}$ ,  
 $-(\text{CR}^3\text{R}^{3a})_r\text{CR}^3\text{R}^{1b}\text{R}^{1b}$ ,  $-(\text{CR}^3\text{R}^{3a})_r\text{O}-(\text{CR}^3\text{R}^{3a})_r\text{R}^{1b}$ ,  $-\text{C}_{2-6}$  alkenylene- $\text{R}^{1b}$ ,  
 $-\text{C}_{2-6}$  alkynylene- $\text{R}^{1b}$ ,  $-(\text{CR}^3\text{R}^{3a})_r\text{C}(=\text{NR}^{1b})\text{NR}^3\text{R}^{1b}$ ,  $\text{NR}^3\text{CR}^3\text{R}^{3a}\text{R}^{1c}$ ,  $\text{OCR}^3\text{R}^{3a}\text{R}^{1c}$ ,  
 $\text{SCR}^3\text{R}^{3a}\text{R}^{1c}$ ,  $\text{NR}^3(\text{CR}^3\text{R}^{3a})_2(\text{CR}^3\text{R}^{3a})_t\text{R}^{1b}$ ,  $\text{C}(\text{O})\text{NR}^2(\text{CR}^3\text{R}^{3a})_2(\text{CR}^3\text{R}^{3a})_t\text{R}^{1b}$ ,  
15  $\text{CO}_2(\text{CR}^3\text{R}^{3a})_2(\text{CR}^3\text{R}^{3a})_t\text{R}^{1b}$ ,  $\text{O}(\text{CR}^3\text{R}^{3a})_2(\text{CR}^3\text{R}^{3a})_t\text{R}^{1b}$ ,  $\text{S}(\text{CR}^3\text{R}^{3a})_2(\text{CR}^3\text{R}^{3a})_t\text{R}^{1b}$ ,  
 $\text{S}(\text{O})_p(\text{CR}^3\text{R}^{3a})_t\text{R}^{1d}$ ,  $\text{O}(\text{CR}^3\text{R}^{3a})_t\text{R}^{1d}$ ,  $\text{NR}^3(\text{CR}^3\text{R}^{3a})_t\text{R}^{1d}$ ,  $\text{OC}(\text{O})\text{NR}^3(\text{CR}^3\text{R}^{3a})_t\text{R}^{1d}$ ,  
 $\text{NR}^3\text{C}(\text{O})\text{NR}^3(\text{CR}^3\text{R}^{3a})_t\text{R}^{1d}$ ,  $\text{NR}^3\text{C}(\text{O})\text{O}(\text{CR}^3\text{R}^{3a})_t\text{R}^{1d}$ , and  $\text{NR}^3\text{C}(\text{O})(\text{CR}^3\text{R}^{3a})_t\text{R}^{1d}$ ,  
provided that  $\text{R}^{1a}$  forms other than an N-halo, N-S, O-O, or N-CN bond;
- alternatively, when two  $\text{R}^{1a}$  groups are attached to adjacent atoms, together  
20 with the atoms to which they are attached they form a 5-7 membered ring consisting  
of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O,  
and  $\text{S}(\text{O})_p$ , this ring being substituted with 0-2  $\text{R}^{4b}$  and having 0-3 ring double bonds;
- $\text{R}^{1b}$  is selected from H,  $\text{C}_{1-3}$  alkyl, F, Cl, Br, I,  $-\text{CN}$ ,  $-\text{NO}_2$ ,  $-\text{CHO}$ ,  $(\text{CF}_2)_r\text{CF}_3$ ,  
 $(\text{CR}^3\text{R}^{3a})_r\text{OR}^2$ ,  $\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(\text{O})\text{R}^{2b}$ ,  $\text{CO}_2\text{R}^{2b}$ ,  $\text{OC}(\text{O})\text{R}^2$ ,  $(\text{CF}_2)_r\text{CO}_2\text{R}^{2a}$ ,  $\text{S}(\text{O})_p\text{R}^{2b}$ ,  
25  $\text{NR}^2(\text{CH}_2)_t\text{OR}^2$ ,  $\text{C}(=\text{NR}^{2c})\text{NR}^2\text{R}^{2a}$ ,  $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$ ,  $\text{NR}^2\text{C}(\text{O})\text{NHR}^2$ ,  $\text{NR}^2\text{C}(\text{O})_2\text{R}^{2a}$ ,  
 $\text{OC}(\text{O})\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(\text{O})\text{NR}^2\text{R}^{2b}$ ,  $\text{C}(\text{S})\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(\text{O})\text{NR}^2(\text{CH}_2)_t\text{OR}^2$ ,  
 $\text{SO}_2\text{NR}^2\text{R}^{2a}$ ,  $\text{NR}^2\text{SO}_2\text{R}^2$ ,  $\text{C}(\text{O})\text{NR}^2\text{SO}_2\text{R}^2$ ,  $\text{C}_{3-6}$  carbocycle substituted with 0-2  $\text{R}^{4b}$ ,  
and 5-10 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms

selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-2 R<sup>4b</sup>, provided that R<sup>1b</sup> forms other than an O-O, N-halo, N-S, or N-CN bond;

R<sup>1c</sup> is selected from H, CH(CH<sub>2</sub>OR<sup>2</sup>)<sub>2</sub>, C(O)R<sup>2c</sup>, C(O)NR<sup>2</sup>R<sup>2a</sup>, S(O)R<sup>2</sup>, S(O)<sub>2</sub>R<sup>2</sup>, and SO<sub>2</sub>NR<sup>2</sup>R<sup>2a</sup>;

5 R<sup>1d</sup> is selected from C<sub>3-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup> and 5-10 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-2 R<sup>4b</sup>, provided that R<sup>1d</sup> forms other than an N-S bond;

R<sup>2</sup>, at each occurrence, is selected from H, CF<sub>3</sub>, C<sub>1-6</sub> alkyl, -(CH<sub>2</sub>)<sub>r</sub>-C<sub>3-10</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and -(CH<sub>2</sub>)<sub>r</sub>-5-10 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-2 R<sup>4b</sup>;

R<sup>2a</sup>, at each occurrence, is selected from H, CF<sub>3</sub>, C<sub>1-6</sub> alkyl, -(CH<sub>2</sub>)<sub>r</sub>-C<sub>3-10</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and -(CH<sub>2</sub>)<sub>r</sub>-5-10 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-2 R<sup>4b</sup>;

alternatively, NR<sup>2</sup>R<sup>2a</sup> forms a 4, 5, or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-2 R<sup>4b</sup> and consisting of: carbon atoms, the nitrogen atom to which R<sup>2</sup> and R<sup>2a</sup> are attached, and 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>;

R<sup>2b</sup>, at each occurrence, is selected from CF<sub>3</sub>, C<sub>1-4</sub> alkoxy substituted with 0-2 R<sup>4b</sup>, C<sub>1-6</sub> alkyl substituted with 0-3 R<sup>4b</sup>, -(CH<sub>2</sub>)<sub>r</sub>-C<sub>3-13</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and -(CH<sub>2</sub>)<sub>r</sub>-5-10 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-2 R<sup>4b</sup>;

R<sup>2c</sup>, at each occurrence, is selected from CF<sub>3</sub>, OH, C<sub>1-4</sub> alkoxy, C<sub>1-6</sub> alkyl, -(CH<sub>2</sub>)<sub>r</sub>-C<sub>3-10</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and -(CH<sub>2</sub>)<sub>r</sub>-5-10 membered heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-2 R<sup>4b</sup>;

$R^3$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ , benzyl, and phenyl;

$R^{3a}$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  
 5  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ , benzyl, and phenyl;

alternatively,  $NR^3R^{3a}$  forms a 5 or 6 membered saturated, partially unsaturated, or unsaturated ring consisting of: carbon atoms, the nitrogen atom to which  $R^3$  and  $R^{3a}$  are attached, and 0-1 additional heteroatoms selected from the  
 10 group consisting of N, O, and  $S(O)_p$ ;

$R^{3b}$ , at each occurrence, is selected from H,  $C_{1-6}$  alkyl substituted with 0-2  $R^{1a}$ ,  $C_{2-6}$  alkenyl substituted with 0-2  $R^{1a}$ ,  $C_{2-6}$  alkynyl substituted with 0-2  $R^{1a}$ ,  $-(C_{0-4}$  alkyl)-5-10 membered carbocycle substituted with 0-3  $R^{1a}$ , and  $-(C_{0-4}$  alkyl)-5-10 membered heterocycle substituted with 0-3  $R^{1a}$  and consisting of: carbon  
 15 atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ ;

$R^{3c}$ , at each occurrence, is selected from  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ , benzyl, and phenyl;

$R^{3d}$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  
 20  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C_{1-4}$  alkyl-phenyl, and  $C(=O)R^{3c}$ ;

$R^{3e}$ , at each occurrence, is selected from H,  $SO_2NHR^3$ ,  $SO_2NR^3R^3$ ,  $C(O)R^3$ ,  $C(O)NHR^3$ ,  $C(O)OR^{3f}$ ,  $S(O)R^{3f}$ ,  $S(O)_2R^{3f}$ ,  $C_{1-6}$  alkyl substituted with 0-2  $R^{1a}$ ,  $C_{2-6}$  alkenyl substituted with 0-2  $R^{1a}$ ,  $C_{2-6}$  alkynyl substituted with 0-2  $R^{1a}$ ,  $-(C_{0-4}$  alkyl)-5-10 membered carbocycle substituted with 0-3  $R^{1a}$ , and  $-(C_{0-4}$  alkyl)-5-10 membered heterocycle substituted with 0-3  $R^{1a}$  and consisting of: carbon atoms and  
 25 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ ;

$R^{3f}$ , at each occurrence, is selected from:  $C_{1-6}$  alkyl substituted with 0-2  $R^{1a}$ ,  $C_{2-6}$  alkenyl substituted with 0-2  $R^{1a}$ ,  $C_{2-6}$  alkynyl substituted with 0-2  $R^{1a}$ ,  $-(C_{0-4}$

alkyl)-5-10 membered carbocycle substituted with 0-3  $R^{1a}$ , and  $-(C_{0-4} \text{ alkyl})$ -5-10 membered heterocycle substituted with 0-3  $R^{1a}$  and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>;

$R^4$ , at each occurrence, is selected from H, =O,  $(CR^3R^{3a})_rOR^2$ , F, Cl, Br, I, C<sub>1-4</sub> alkyl,  $(CR^3R^{3a})_rCN$ ,  $(CR^3R^{3a})_rNO_2$ ,  $(CR^3R^{3a})_rNR^2R^{2a}$ ,  $(CR^3R^{3a})_rC(O)R^{2c}$ ,  $(CR^3R^{3a})_rNR^2C(O)R^{2b}$ ,  $(CR^3R^{3a})_rC(O)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rNR^2C(O)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rC(=NR^2)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rC(=NS(O)_2R^5)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rNHC(=NR^2)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rC(O)NHC(=NR^2)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rSO_2NR^2R^{2a}$ ,  $(CR^3R^{3a})_rNR^2SO_2NR^2R^{2a}$ ,  $(CR^3R^{3a})_rNR^2SO_2-C_{1-4} \text{ alkyl}$ ,  $(CR^3R^{3a})_rNR^2SO_2R^5$ ,  $(CR^3R^{3a})_rS(O)_pR^{5a}$ ,  $(CR^3R^{3a})_r(CF_2)_rCF_3$ ,  $NHCH_2R^{1c}$ ,  $OCH_2R^{1c}$ ,  $SCH_2R^{1c}$ ,  $NH(CH_2)_2(CH_2)_tR^{1b}$ ,  $O(CH_2)_2(CH_2)_tR^{1b}$ ,  $S(CH_2)_2(CH_2)_tR^{1b}$ ,  $(CR^3R^{3a})_{r-5-6}$  membered carbocycle substituted with 0-1  $R^5$ , and a  $(CR^3R^{3a})_{r-5-6}$  membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub> and substituted with 0-1  $R^5$ ;

$R^{4a}$ , at each occurrence, is selected from H, =O,  $(CR^3R^{3a})_rOR^2$ ,  $(CR^3R^{3a})_rF$ ,  $(CR^3R^{3a})_rBr$ ,  $(CR^3R^{3a})_rCl$ , C<sub>1-4</sub> alkyl,  $(CR^3R^{3a})_rCN$ ,  $(CR^3R^{3a})_rNO_2$ ,  $(CR^3R^{3a})_rNR^2R^{2a}$ ,  $(CR^3R^{3a})_rC(O)R^{2c}$ ,  $(CR^3R^{3a})_rNR^2C(O)R^{2b}$ ,  $(CR^3R^{3a})_rC(O)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rN=CHOR^3$ ,  $(CR^3R^{3a})_rC(O)NH(CH_2)_2NR^2R^{2a}$ ,  $(CR^3R^{3a})_rNR^2C(O)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rC(=NR^2)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rNHC(=NR^2)NR^2R^{2a}$ ,  $(CR^3R^{3a})_rSO_2NR^2R^{2a}$ ,  $(CR^3R^{3a})_rNR^2SO_2NR^2R^{2a}$ ,  $(CR^3R^{3a})_rNR^2SO_2-C_{1-4} \text{ alkyl}$ ,  $(CR^3R^{3a})_rC(O)NHSO_2-C_{1-4} \text{ alkyl}$ ,  $(CR^3R^{3a})_rNR^2SO_2R^5$ ,  $(CR^3R^{3a})_rS(O)_pR^{5a}$ ,  $(CR^3R^{3a})_r(CF_2)_rCF_3$ ,  $(CR^3R^{3a})_{r-5-6}$  membered carbocycle substituted with 0-1  $R^5$ , and a  $(CR^3R^{3a})_{r-5-6}$  membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-1  $R^5$ ;

$R^{4b}$ , at each occurrence, is selected from H, =O,  $(CH_2)_rOR^3$ ,  $(CH_2)_rF$ ,  $(CH_2)_rCl$ ,  $(CH_2)_rBr$ ,  $(CH_2)_rI$ , C<sub>1-4</sub> alkyl,  $(CH_2)_rCN$ ,  $(CH_2)_rNO_2$ ,  $(CH_2)_rNR^3R^{3a}$ ,  $(CH_2)_rC(O)R^3$ ,  $(CH_2)_rC(O)OR^{3c}$ ,  $(CH_2)_rNR^3C(O)R^{3a}$ ,  $(CH_2)_rC(O)NR^3R^{3a}$ ,  $(CH_2)_rNR^3C(O)NR^3R^{3a}$ ,  $(CH_2)_rC(=NR^3)NR^3R^{3a}$ ,  $(CH_2)_rNR^3C(=NR^3)NR^3R^{3a}$ ,

$(\text{CH}_2)_r\text{SO}_2\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{-C}_{1-4}$  alkyl,  
 $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{CF}_3$ ,  $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{-phenyl}$ ,  $(\text{CH}_2)_r\text{S(O)}_p\text{CF}_3$ ,  $(\text{CH}_2)_r\text{S(O)}_p\text{-C}_{1-4}$   
 alkyl,  $(\text{CH}_2)_r\text{S(O)}_p\text{-phenyl}$ , and  $(\text{CH}_2)_r(\text{CF}_2)_r\text{CF}_3$ ;

- $\text{R}^{4c}$ , at each occurrence, is selected from H,  $\text{C}_{1-4}$  alkyl,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{OR}^2$ ,
- 5  $(\text{CR}^3\text{R}^{3a})_{r1}\text{F}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{Br}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{Cl}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{CN}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{NO}_2$ ,  
 $(\text{CR}^3\text{R}^{3a})_{r1}\text{NR}^2\text{R}^{2a}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{C(O)}\text{R}^{2c}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{NR}^2\text{C(O)}\text{R}^{2b}$ ,  
 $(\text{CR}^3\text{R}^{3a})_{r1}\text{C(O)}\text{NR}^2\text{R}^{2a}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{N=CHOR}^3$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{C(O)}\text{NH}(\text{CH}_2)_2\text{NR}^2\text{R}^{2a}$ ,  
 $(\text{CR}^3\text{R}^{3a})_{r1}\text{NR}^2\text{C(O)}\text{NR}^2\text{R}^{2a}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{C(=NR}^2)\text{NR}^2\text{R}^{2a}$ ,  
 $(\text{CR}^3\text{R}^{3a})_{r1}\text{NHC(=NR}^2)\text{NR}^2\text{R}^{2a}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{SO}_2\text{NR}^2\text{R}^{2a}$ ,
- 10  $(\text{CR}^3\text{R}^{3a})_{r1}\text{NR}^2\text{SO}_2\text{NR}^2\text{R}^{2a}$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{NR}^2\text{SO}_2\text{-C}_{1-4}$  alkyl,  
 $(\text{CR}^3\text{R}^{3a})_{r1}\text{C(O)}\text{NHSO}_2\text{-C}_{1-4}$  alkyl,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{NR}^2\text{SO}_2\text{R}^5$ ,  $(\text{CR}^3\text{R}^{3a})_{r1}\text{S(O)}_p\text{R}^{5a}$ ,  
 $(\text{CR}^3\text{R}^{3a})_{r1}(\text{CF}_2)_r\text{CF}_3$ ,  $(\text{CR}^3\text{R}^{3a})_{r1-5-6}$  membered carbocycle substituted with 0-1  $\text{R}^5$ ,  
 and a  $(\text{CR}^3\text{R}^{3a})_{r1-5-6}$  membered heterocycle consisting of: carbon atoms and 1-4  
 heteroatoms selected from the group consisting of N, O, and  $\text{S(O)}_p$ , and substituted
- 15 with 0-1  $\text{R}^5$ ;

- $\text{R}^5$ , at each occurrence, is selected from H,  $\text{C}_{1-6}$  alkyl,  $=\text{O}$ ,  $(\text{CH}_2)_r\text{OR}^3$ , F, Cl,  
 Br, I,  $-\text{CN}$ ,  $\text{NO}_2$ ,  $(\text{CH}_2)_r\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{C(O)}\text{R}^3$ ,  $(\text{CH}_2)_r\text{C(O)}\text{OR}^{3c}$ ,  
 $(\text{CH}_2)_r\text{NR}^3\text{C(O)}\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{C(O)}\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{NR}^3\text{C(O)}\text{NR}^3\text{R}^{3a}$ ,  
 $(\text{CH}_2)_r\text{CH(=NOR}^{3d})$ ,  $(\text{CH}_2)_r\text{C(=NR}^3)\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{NR}^3\text{C(=NR}^3)\text{NR}^3\text{R}^{3a}$ ,
- 20  $(\text{CH}_2)_r\text{SO}_2\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{-C}_{1-4}$  alkyl,  
 $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{CF}_3$ ,  $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{-phenyl}$ ,  $(\text{CH}_2)_r\text{S(O)}_p\text{CF}_3$ ,  $(\text{CH}_2)_r\text{S(O)}_p\text{-C}_{1-4}$   
 alkyl,  $(\text{CH}_2)_r\text{S(O)}_p\text{-phenyl}$ ,  $(\text{CF}_2)_r\text{CF}_3$ , phenyl substituted with 0-2  $\text{R}^6$ , naphthyl  
 substituted with 0-2  $\text{R}^6$ , and benzyl substituted with 0-2  $\text{R}^6$ ;

- $\text{R}^{5a}$ , at each occurrence, is selected from  $\text{C}_{1-6}$  alkyl,  $(\text{CH}_2)_r\text{OR}^3$ ,
- 25  $(\text{CH}_2)_r\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{C(O)}\text{R}^3$ ,  $(\text{CH}_2)_r\text{C(O)}\text{OR}^{3c}$ ,  $(\text{CH}_2)_r\text{NR}^3\text{C(O)}\text{R}^{3a}$ ,  
 $(\text{CH}_2)_r\text{C(O)}\text{NR}^3\text{R}^{3a}$ ,  $(\text{CF}_2)_r\text{CF}_3$ , phenyl substituted with 0-2  $\text{R}^6$ , naphthyl substituted  
 with 0-2  $\text{R}^6$ , and benzyl substituted with 0-2  $\text{R}^6$ , provided that  $\text{R}^{5a}$  does not form a  
 S-N or  $\text{S(O)}_p\text{-C(O)}$  bond;

$R^6$ , at each occurrence, is selected from H, OH,  $(CH_2)_rOR^2$ , Cl, F, Br, I,  $C_{1-4}$  alkyl, -CN,  $NO_2$ ,  $(CH_2)_rNR^2R^{2a}$ ,  $(CH_2)_rC(O)R^{2b}$ ,  $NR^2C(O)R^{2b}$ ,  $NR^2C(O)NR^2R^{2a}$ ,  $C(=NH)NH_2$ ,  $NHC(=NH)NH_2$ ,  $SO_2NR^2R^{2a}$ ,  $NR^2SO_2NR^2R^{2a}$ , and  $NR^2SO_2C_{1-4}$  alkyl;

5  $R^7$ , at each occurrence, is selected from H, OH,  $C_{1-6}$  alkyl,  $C_{1-6}$  alkyl-C(O)-,  $C_{1-6}$  alkyl-O-,  $(CH_2)_n$ -phenyl,  $C_{1-4}$  alkyl-OC(O)-,  $C_{6-10}$  aryl-O-,  $C_{6-10}$  aryl-OC(O)-,  $C_{6-10}$  aryl-CH<sub>2</sub>C(O)-,  $C_{1-4}$  alkyl-C(O)O- $C_{1-4}$  alkyl-OC(O)-,  $C_{6-10}$  aryl-C(O)O- $C_{1-4}$  alkyl-OC(O)-,  $C_{1-6}$  alkyl-NH<sub>2</sub>-C(O)-, phenyl-NH<sub>2</sub>-C(O)-, and phenyl- $C_{1-4}$  alkyl-C(O)-;

10  $R^8$ , at each occurrence, is selected from H,  $C_{1-6}$  alkyl, and  $(CH_2)_n$ -phenyl;  
alternatively,  $NR^7R^8$  forms a 5-10 membered heterocyclic ring consisting of carbon atoms and 0-2 additional heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>;

$R^9$ , at each occurrence, is selected from H,  $C_{1-6}$  alkyl, and  $(CH_2)_n$ -phenyl;

15 n, at each occurrence, is selected from 0, 1, 2, and 3;

p, at each occurrence, is selected from 0, 1, and 2;

r, at each occurrence, is selected from 0, 1, 2, 3, 4, 5, and 6;

r1, at each occurrence, is selected from 1, 2, 3, 4, 5, and 6; and

t, at each occurrence, is selected from 0, 1, 2, and 3.

20

2. A compound according to Claim 1, wherein:

G is selected from the group: 2-aminomethyl-4-chloro-phenyl;

2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;

25 4-chloro-2-methylsulfonyl-phenyl; 2-aminosulfonyl-4-fluoro-phenyl;

2-amido-4-fluoro-phenyl; 4-fluoro-2-methylsulfonyl-phenyl;

2-aminomethyl-4-bromo-phenyl; 2-aminosulfonyl-4-bromo-phenyl;

2-amido-4-bromo-phenyl; 4-bromo-2-methylsulfonyl-phenyl;

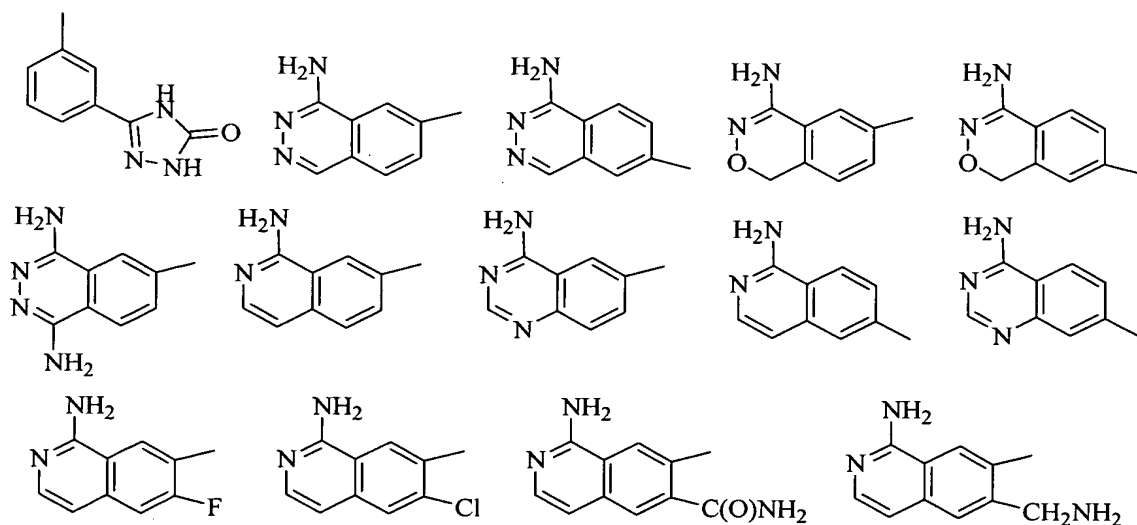
2-aminomethyl-4-methyl-phenyl; 2-aminosulfonyl-4-methyl-phenyl;

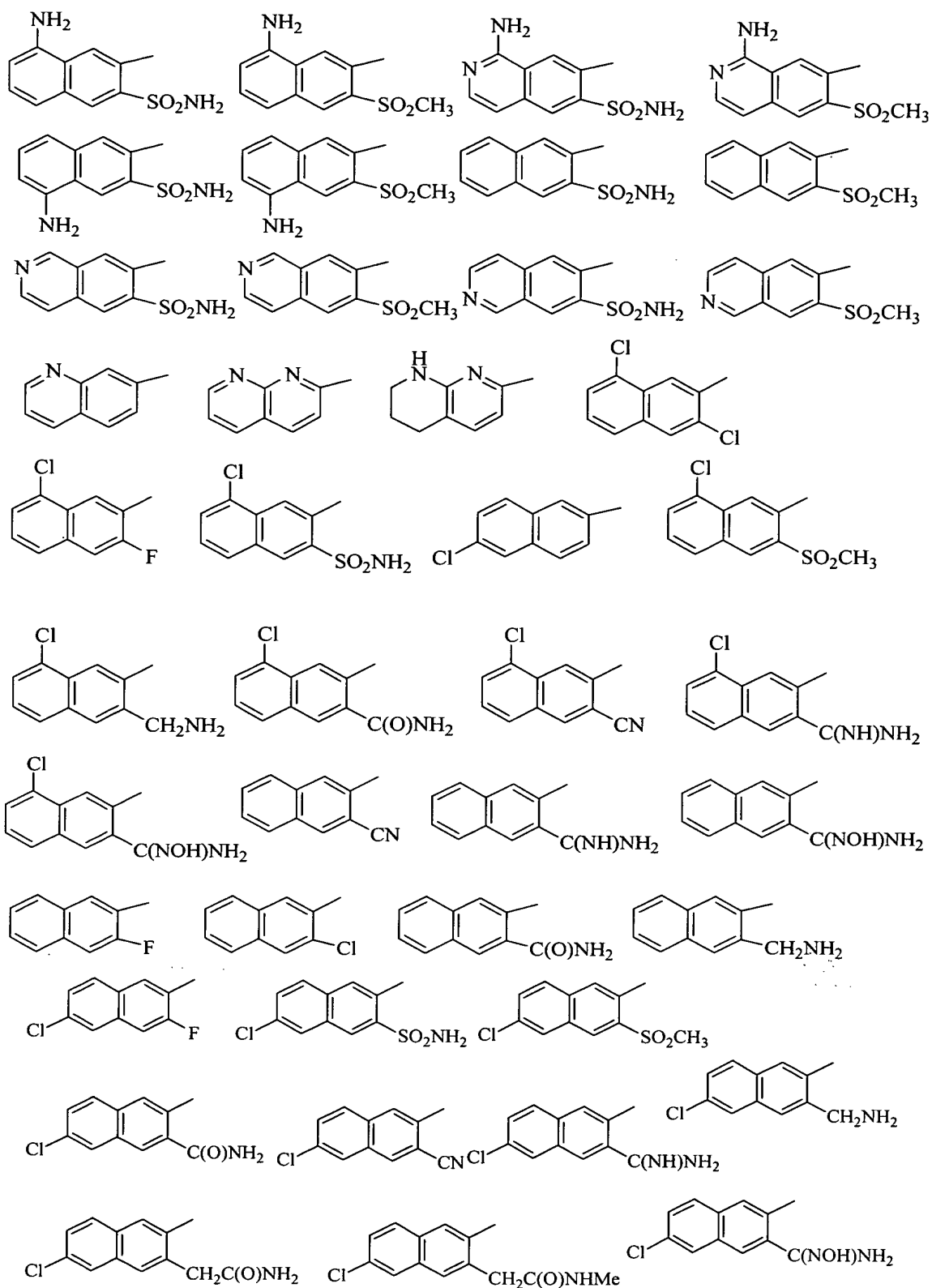
30 2-amido-4-methyl-phenyl; 2-methylsulfonyl-4-methyl-phenyl; 4-fluoro-pyrid-2-yl;

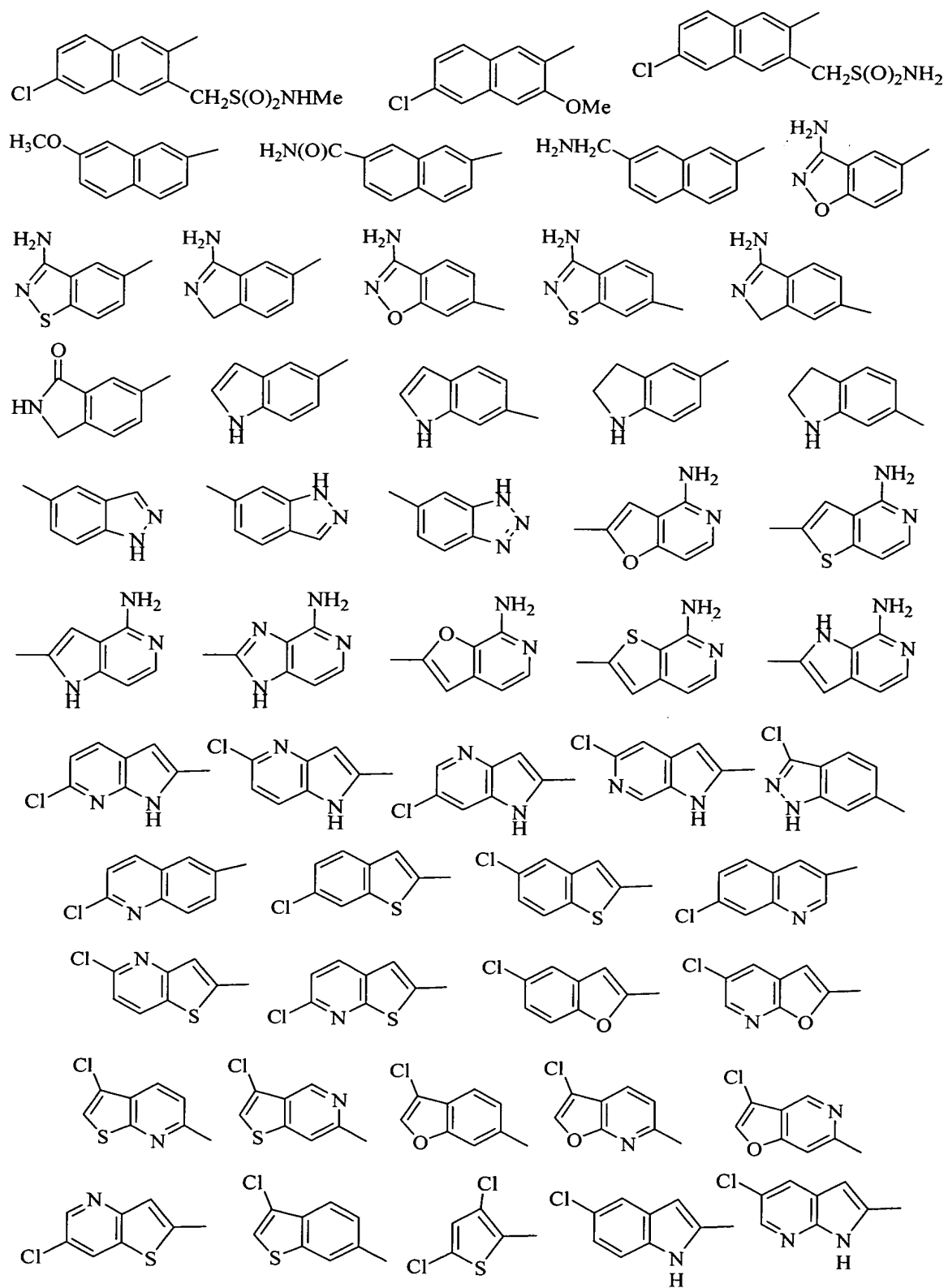
4-bromo-pyrid-2-yl; 4-methyl-pyrid-2-yl; 5-fluoro-thien-2-yl; 5-bromo-thien-2-yl;

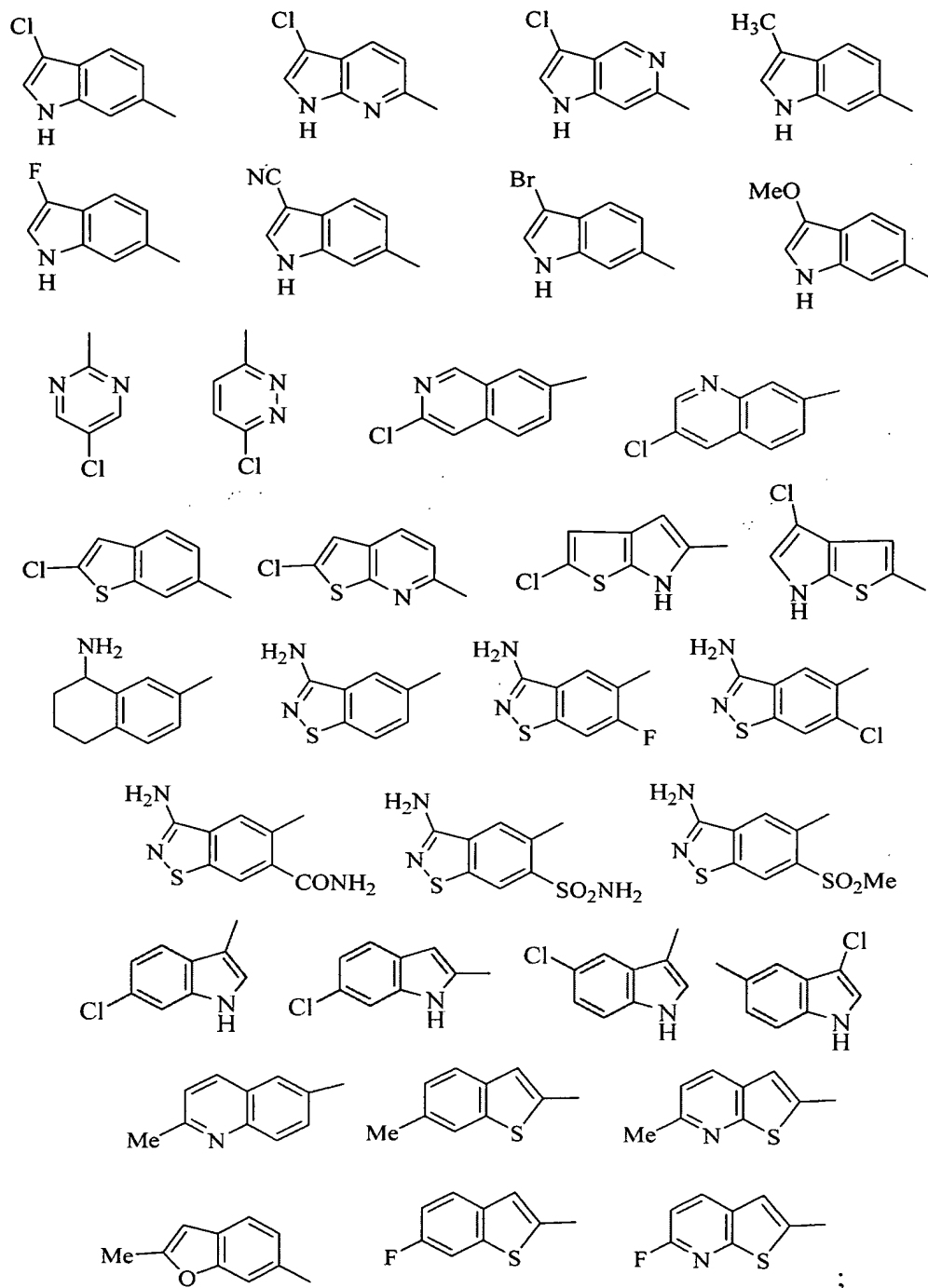


- 5-methyl-thien-2-yl; 2-amido-4-methoxy-phenyl; 2-amido-phenyl;  
 2-aminomethyl-3-fluoro-phenyl; 2-aminomethyl-4-fluoro-phenyl;  
 2-aminomethyl-4-methoxy-phenyl; 2-aminomethyl-5-fluoro-phenyl;  
 2-aminomethyl-5-methoxy-phenyl; 2-aminomethyl-6-fluoro-phenyl;  
 5 2-aminomethyl-phenyl; 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;  
 2-aminosulfonyl-phenyl; 2-methylsulfonyl-phenyl;  
 3-(N,N-dimethylamino)-4-chloro-phenyl; 3-(N,N-dimethylamino)-phenyl;  
 3-(N-methylamino)-4-chloro-phenyl; 3-(N-methylamino)-phenyl; 3-amido-phenyl;  
 3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl; 3-amino-phenyl; 3-chloro-phenyl;  
 10 4-(N,N-dimethylamino)-5-chloro-thien-2-yl; 4-(N-methylamino)-5-chloro-thien-2-yl;  
 4-amino-5-chloro-thien-2-yl; 4-chloro-phenyl; 4-methoxy-2-methylsulfonyl-phenyl;  
 4-methoxy-phenyl; 2-methoxy-pyrid-5-yl;  
 5-(N,N-dimethylamino)-4-chloro-thien-2-yl; 5-(N-methylamino)-4-chloro-thien-2-yl;  
 5-amino-4-chloro-thien-2-yl; 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl;  
 15 6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 2-cyano-4-chloro-phenyl;  
 2-methoxy-4-chloro-phenyl; 2-fluoro-4-chloro-phenyl; phenyl; 4-ethyl-phenyl;  
 3-chloro-4-methyl-phenyl; 4-fluoro-phenyl; 3-fluoro-4-chloro-phenyl;  
 3-methyl-4-chloro-phenyl; 3-fluoro-4-methyl-phenyl; 3,4-dimethyl-phenyl;  
 3-chloro-4-fluoro-phenyl; 3-methyl-4-fluoro-phenyl; 4-methylsulfonyl-phenyl;  
 20 2-chlorothiazol-5-yl; 5-chlorothiazol-2-yl;





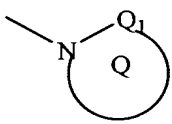




5

A is selected from one of the following carbocyclic and heterocyclic groups which are substituted with 0-2 R<sup>4</sup>; cyclohexyl, phenyl, piperidinyl, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thienyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, 1,2,3-oxadiazolyl,

- 1,2,4-oxadiazolyl, 1,2,5-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl, 1,2,5-thiadiazolyl, 1,3,4-thiadiazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, 1,2,5-triazolyl, 1,3,4-triazolyl, benzofuranyl, benzothiofuranyl, indolinyl, indolyl, benzimidazolyl, benzoxazolyl, benzthiazolyl, indazolyl, 5 benzisoxazolyl, benzisothiazolyl, and isoindazolyl;

B is ; provided that Z and B are attached to different atoms on A; Q<sub>1</sub> is selected from C=O and SO<sub>2</sub>;

- ring Q is a 5-7 membered monocyclic or tricyclic ring consisting of, in addition to the N-Q<sub>1</sub> group shown, carbon atoms and 0-1 heteroatoms selected from 10 NR<sup>4c</sup>, O, and S(O)<sub>p</sub>, wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R<sup>4a</sup>;

- alternatively, ring Q is a 5-7 membered ring to which another ring is fused, wherein: the 5-7 membered ring consists of, in addition to the N-Q<sub>1</sub> group shown, carbon atoms and 0-1 heteroatoms selected from NR<sup>4c</sup>, O, and S(O)<sub>p</sub> and 0-1 double 15 bonds are present within the ring; the fusion ring is phenyl;

ring Q, which includes the 5-7 membered ring and the fusion ring, is substituted with 0-2 R<sup>4a</sup>;

- G<sub>1</sub> is selected from (CR<sup>3</sup>R<sup>3a</sup>)<sub>1-3</sub>, CR<sup>3</sup>=CR<sup>3</sup>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>O(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, 20 (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>C(O)(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>S(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>S(O)(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>S(O)<sub>2</sub>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>S(O)NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>S(O)<sub>2</sub>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>S(O)<sub>2</sub>NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)NR<sup>3b</sup>S(O)<sub>2</sub>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>C(O)(CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, 25 (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>C(O)(CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(S)NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, and (CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>NR<sup>3b</sup>C(S)(CR<sup>3</sup>R<sup>3a</sup>)<sub>u</sub>C(O)NR<sup>3b</sup>(CR<sup>3</sup>R<sup>3a</sup>)<sub>w</sub>, wherein u+w or u+u+w total 0,

1, or 2 and the right side of  $G_1$  is attached to ring G, provided that  $G_1$  does not form a N-S,  $NCH_2N$ ,  $NCH_2O$ , or  $NCH_2S$  bond with either group to which it is attached;

Z is selected from  $(CR^3R^{3a})_{1-3}$ ,  $(CR^3R^{3a})_u C(O)(CR^3R^{3a})_w$ ,

$(CR^3R^{3a})_u O(CR^3R^{3a})_w$ ,  $(CR^3R^{3a})_u NR^{3b}(CR^3R^{3a})_w$ ,

5  $(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$ ,  $(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_w$ ,

$(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$ ,  $(CR^3R^{3a})_u S(CR^3R^{3a})_w$ ,

$(CR^3R^{3a})_u S(O)(CR^3R^{3a})_w$ ,  $(CR^3R^{3a})_u S(O)_2(CR^3R^{3a})_w$ ,

$(CR^3R^{3a})_u S(O)NR^{3b}(CR^3R^{3a})_w$ ,  $(CR^3R^{3a})_u NR^{3b}S(O)_2(CR^3R^{3a})_w$ ,

$(CR^3R^{3a})_u S(O)_2NR^{3b}(CR^3R^{3a})_w$ , and  $(CR^3R^{3a})_u C(O)NR^{3b}S(O)_2(CR^3R^{3a})_w$ ,

10 wherein  $u+w$  or  $u+u+w$  total 0, 1, or 2 and the right side of Z is attached to A, provided that  $G_1$  does not form a N-S,  $NCH_2N$ ,  $NCH_2O$ , or  $NCH_2S$  bond with either group to which it is attached;

$R^{1a}$  is selected from H,  $-(CH_2)_r-R^{1b}$ ,  $-(CH(CH_3))_r-R^{1b}$ ,  $-(C(CH_3)_2)_r-R^{1b}$ ,

$NHCH_2R^{1c}$ ,  $OCH_2R^{1c}$ ,  $SCH_2R^{1c}$ ,  $NH(CH_2)_2(CH_2)_tR^{1b}$ , and  $O(CH_2)_2(CH_2)_tR^{1b}$ ,

15 provided that  $R^{1a}$  forms other than an N-halo, N-S, or N-CN bond;

alternatively, when two  $R^{1a}$  groups are attached to adjacent atoms, together with the atoms to which they are attached they form a 5-7 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , this ring being substituted with 0-2  $R^{4b}$  and having 0-3 ring double bonds;

20  $R^{1b}$  is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , F, Cl, Br, I, -CN, -CHO,  $CF_3$ ,  $OR^2$ ,  $NR^2R^{2a}$ ,  $C(O)R^{2b}$ ,  $CO_2R^{2b}$ ,  $OC(O)R^2$ ,  $CO_2R^{2a}$ ,  $S(O)_pR^{2b}$ ,  $NR^2(CH_2)_rOR^2$ ,  $NR^2C(O)R^{2b}$ ,  $NR^2C(O)NHR^2$ ,  $NR^2C(O)_2R^{2a}$ ,  $OC(O)NR^2R^{2a}$ ,  $C(O)NR^2R^{2a}$ ,  $C(O)NR^2R^{2b}$ ,  $C(S)NR^2R^{2a}$ ,  $C(O)NR^2(CH_2)_rOR^2$ ,  $SO_2NR^2R^{2a}$ ,  $NR^2SO_2R^2$ ,  $C_{3-6}$  carbocycle substituted with 0-2  $R^{4b}$ , and 5-6 membered heterocycle  
25 consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ , provided that  $R^{1b}$  forms other than an O-O, N-halo, N-S, or N-CN bond;

$R^{1c}$  is selected from H,  $CH(CH_2OR^2)_2$ ,  $C(O)R^{2c}$ ,  $C(O)NR^2R^{2a}$ ,  $S(O)R^2$ ,

$S(O)_2R^2$ , and  $SO_2NR^2R^{2a}$ ;

$R^2$ , at each occurrence, is selected from H,  $CF_3$ ,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ , benzyl substituted with 0-2  $R^{4b}$ ,  $C_{5-6}$  carbocycle substituted with 0-2  $R^{4b}$ , a - $CH_2$ - $C_{5-6}$  carbocyclic group substituted with 0-2  $R^{4b}$ , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ;

$R^{2a}$ , at each occurrence, is selected from H,  $CF_3$ ,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ , benzyl substituted with 0-2  $R^{4b}$ ,  $C_{3-6}$  carbocycle substituted with 0-2  $R^{4b}$ , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ;

alternatively,  $NR^2R^{2a}$  forms a 4, 5, or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-2  $R^{4b}$  and consisting of: carbon atoms, the nitrogen atom to which  $R^2$  and  $R^{2a}$  are attached, and 0-1 additional heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ ;

$R^{2b}$ , at each occurrence, is selected from  $CF_3$ ,  $C_{1-4}$  alkoxy,  $C_{1-5}$  alkyl substituted with 0-3  $R^{4b}$ , benzyl substituted with 0-2  $R^{4b}$ ,  $C_{3-6}$  carbocycle substituted with 0-2  $R^{4b}$ , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ;

$R^{2c}$ , at each occurrence, is selected from  $CF_3$ , OH,  $C_{1-4}$  alkoxy,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ , benzyl substituted with 0-2  $R^{4b}$ ,  $C_{5-6}$  carbocycle substituted with 0-2  $R^{4b}$ , and 5-6 membered heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ;

$R^3$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , benzyl, and phenyl;

$R^{3a}$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , benzyl, and phenyl;

alternatively,  $NR^3R^{3a}$  forms a 5 or 6 membered saturated, partially unsaturated, or unsaturated ring consisting of: carbon atoms and the nitrogen atom to which  $R^3$  and  $R^{3a}$  are attached;

$R^{3c}$ , at each occurrence, is selected from  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , benzyl, and phenyl;

$R^{3d}$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2$ -phenyl,  $CH_2CH_2$ -phenyl, and  $C(=O)R^{3c}$ ;

$R^4$ , at each occurrence, is selected from H,  $=O$ ,  $OR^2$ ,  $CH_2OR^2$ ,  $(CH_2)_2OR^2$ , F, Cl, Br, I,  $C_{1-4}$  alkyl,  $-CN$ ,  $NO_2$ ,  $NR^2R^{2a}$ ,  $CH_2NR^2R^{2a}$ ,  $(CH_2)_2NR^2R^{2a}$ ,  $C(O)R^{2c}$ ,  $NR^2C(O)R^{2b}$ ,  $C(O)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ ,  $S(O)_pR^{5a}$ ,  $CF_3$ ,  $CF_2CF_3$ , 5-6 membered carbocycle substituted with 0-1  $R^5$ , and a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-1  $R^5$ ;

$R^{4a}$ , at each occurrence, is selected from H,  $=O$ ,  $OR^2$ ,  $CH_2OR^2$ , F,  $CH_2F$ , Br,  $CH_2Br$ , Cl,  $CH_2Cl$ ,  $C_{1-4}$  alkyl,  $-CN$ ,  $-CH_2CN$ ,  $NO_2$ ,  $CH_2NO_2$ ,  $NR^2R^{2a}$ ,  $CH_2NR^2R^{2a}$ ,  $C(O)R^{2c}$ ,  $CH_2C(O)R^{2c}$ ,  $NR^2C(O)R^{2b}$ ,  $(CH_2)_rC(O)NR^2R^{2a}$ ,  $NR^2C(O)NR^2R^{2a}$ ,  $(CH_2)_rSO_2NR^2R^{2a}$ ,  $NR^2SO_2NR^2R^{2a}$ ,  $NR^2SO_2-C_{1-4}$  alkyl,  $NR^2SO_2R^5$ ,  $(CH_2)_rS(O)_pR^{5a}$ ,  $CH_2CF_3$ ,  $CF_3$ ,  $CH_2$ -5-6 membered carbocycle substituted with 0-1  $R^5$ , 5-6 membered carbocycle substituted with 0-1  $R^5$ , and a  $CH_2$ -5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-1  $R^5$ , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-1  $R^5$ ;

$R^{4b}$ , at each occurrence, is selected from H,  $=O$ ,  $OR^3$ ,  $CH_2OR^3$ , F, Cl,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ ,  $-CN$ ,  $NO_2$ ,  $NR^3R^{3a}$ ,  $CH_2NR^3R^{3a}$ ,  $C(O)R^3$ ,  $CH_2C(O)R^3$ ,  $C(O)OR^{3c}$ ,  $CH_2C(O)OR^{3c}$ ,  $NR^3C(O)R^{3a}$ ,  $CH_2NR^3C(O)R^{3a}$ ,



$C(O)NR^3R^{3a}$ ,  $CH_2C(O)NR^3R^{3a}$ ,  $NR^3C(O)NR^3R^{3a}$ ,  $CH_2NR^3C(O)NR^3R^{3a}$ ,  
 $C(=NR^3)NR^3R^{3a}$ ,  $CH_2C(=NR^3)NR^3R^{3a}$ ,  $NR^3C(=NR^3)NR^3R^{3a}$ ,  
 $CH_2NR^3C(=NR^3)NR^3R^{3a}$ ,  $SO_2NR^3R^{3a}$ ,  $CH_2SO_2NR^3R^{3a}$ ,  $NR^3SO_2NR^3R^{3a}$ ,  
 $CH_2NR^3SO_2NR^3R^{3a}$ ,  $NR^3SO_2-C_{1-4}$  alkyl,  $CH_2NR^3SO_2-C_{1-4}$  alkyl,  $NR^3SO_2CF_3$ ,  
5  $CH_2NR^3SO_2CF_3$ ,  $NR^3SO_2$ -phenyl,  $CH_2NR^3SO_2$ -phenyl,  $S(O)_pCF_3$ ,  $CH_2S(O)_pCF_3$ ,  
 $S(O)_p-C_{1-4}$  alkyl,  $CH_2S(O)_p-C_{1-4}$  alkyl,  $S(O)_p$ -phenyl,  $CH_2S(O)_p$ -phenyl,  $CF_3$ , and  
 $CH_2CF_3$ ;

$R^{4c}$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  
 $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ ,  
10  $CH_2OR^2$ ,  $CH_2F$ ,  $CH_2Br$ ,  $CH_2Cl$ ,  $CH_2CN$ ,  $CH_2NO_2$ ,  $CH_2NR^2R^{2a}$ ,  $C(O)R^{2c}$ ,  
 $CH_2C(O)R^{2c}$ ,  $CH_2NR^2C(O)R^{2b}$ ,  $C(O)NR^2R^{2a}$ ,  $CH_2C(O)NR^2R^{2a}$ ,  
 $CH_2NR^2C(O)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ ,  $CH_2SO_2NR^2R^{2a}$ ,  $CH_2NR^2SO_2NR^2R^{2a}$ ,  
 $CH_2NR^2SO_2-C_{1-4}$  alkyl,  $C(O)NHSO_2-C_{1-4}$  alkyl,  $CH_2C(O)NHSO_2-C_{1-4}$  alkyl,  
 $CH_2NR^2SO_2R^5$ ,  $S(O)_pR^{5a}$ ,  $CH_2S(O)_pR^{5a}$ ,  $CF_3$ ,  $CH_2CF_3$ , 5-6 membered carbocycle  
15 substituted with 0-1  $R^5$ ,  $CH_2$ -5-6 membered carbocycle substituted with 0-1  $R^5$ , 5-6  
membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected  
from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-1  $R^5$ , and a  
 $CH_2$ -5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms  
selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-1  $R^5$ ;

20  $R^5$ , at each occurrence, is selected from H,  $=O$ ,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  
 $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ ,  $OR^3$ ,  
 $CH_2OR^3$ , F, Cl, -CN,  $NO_2$ ,  $NR^3R^{3a}$ ,  $CH_2NR^3R^{3a}$ ,  $C(O)R^3$ ,  $CH_2C(O)R^3$ ,  $C(O)OR^{3c}$ ,  
 $CH_2C(O)OR^{3c}$ ,  $NR^3C(O)R^{3a}$ ,  $C(O)NR^3R^{3a}$ ,  $NR^3C(O)NR^3R^{3a}$ ,  $CH(=NOR^{3d})$ ,  
 $C(=NR^3)NR^3R^{3a}$ ,  $NR^3C(=NR^3)NR^3R^{3a}$ ,  $SO_2NR^3R^{3a}$ ,  $NR^3SO_2NR^3R^{3a}$ ,  
25  $NR^3SO_2-C_{1-4}$  alkyl,  $NR^3SO_2CF_3$ ,  $NR^3SO_2$ -phenyl,  $S(O)_pCF_3$ ,  $S(O)_p-C_{1-4}$  alkyl,  
 $S(O)_p$ -phenyl,  $CF_3$ , phenyl substituted with 0-2  $R^6$ , naphthyl substituted with 0-2  $R^6$ ,  
and benzyl substituted with 0-2  $R^6$ ;

$R^{5a}$ , at each occurrence, is selected from  $C_{1-6}$  alkyl,  $OR^3$ ,  $CH_2OR^3$ ,  $NR^3R^{3a}$ ,  
 $CH_2NR^3R^{3a}$ ,  $C(O)R^3$ ,  $CH_2C(O)R^3$ ,  $C(O)OR^{3c}$ ,  $CH_2C(O)OR^{3c}$ ,  $NR^3C(O)R^{3a}$ ,

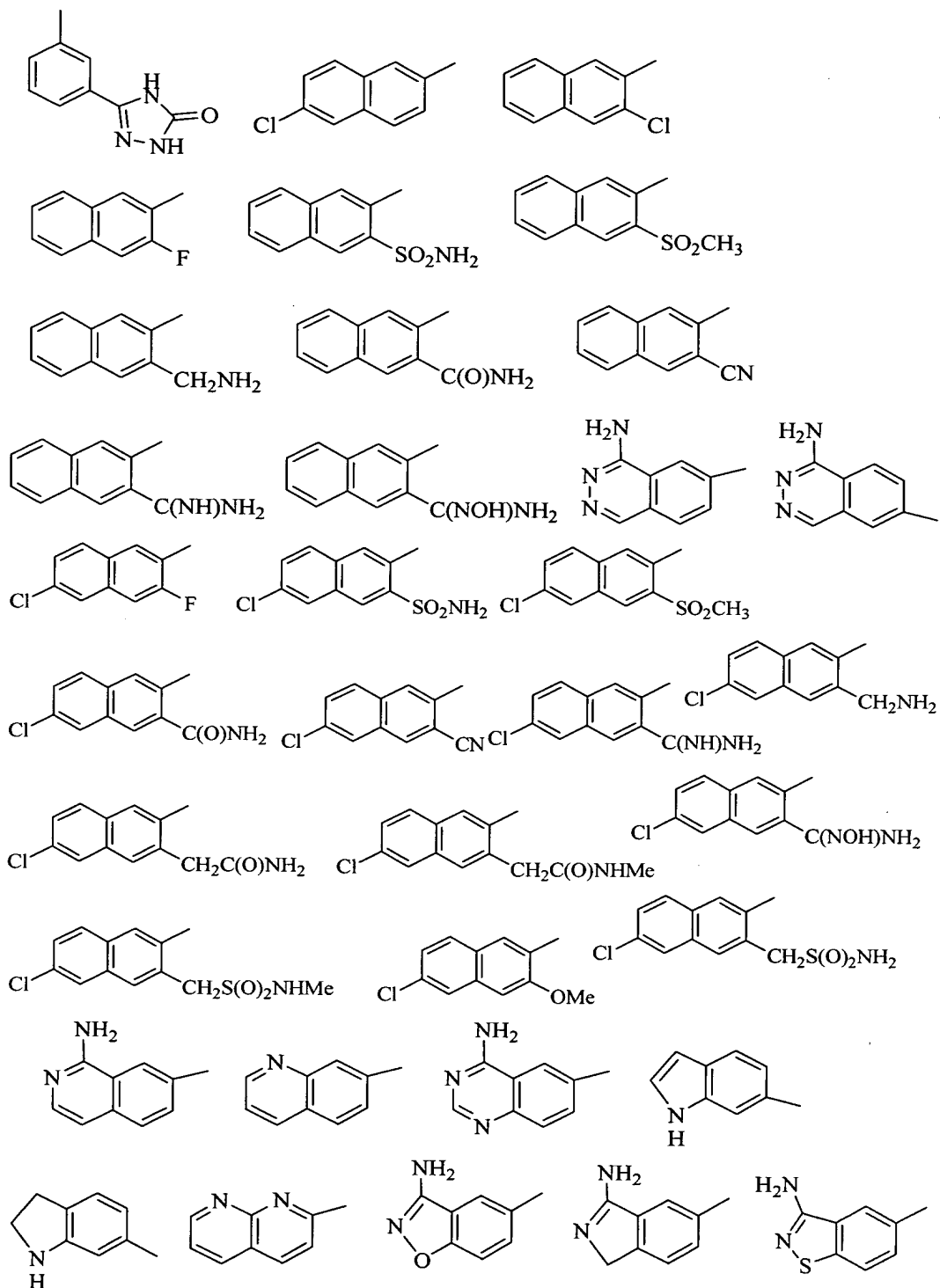
$\text{CH}_2\text{NR}^3\text{C}(\text{O})\text{R}^{3a}$ ,  $\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$ ,  $\text{CH}_2\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$ ,  $\text{CF}_3$ ,  $\text{CF}_2\text{CF}_3$ , phenyl substituted with 0-2  $\text{R}^6$ , naphthyl substituted with 0-2  $\text{R}^6$ , and benzyl substituted with 0-2  $\text{R}^6$ , provided that  $\text{R}^{5a}$  does not form a S-N or  $\text{S}(\text{O})_p\text{-C}(\text{O})$  bond; and

$\text{R}^6$ , at each occurrence, is selected from H, OH,  $\text{OR}^2$ , F, Cl,  $\text{CH}_3$ ,  $\text{CH}_2\text{CH}_3$ ,  
 5  $\text{CH}_2\text{CH}_2\text{CH}_3$ ,  $\text{CH}(\text{CH}_3)_2$ ,  $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ ,  $\text{CH}_2\text{CH}(\text{CH}_3)_2$ ,  $\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$ ,  
 $\text{C}(\text{CH}_3)_3$ , -CN,  $\text{NO}_2$ ,  $\text{NR}^2\text{R}^{2a}$ ,  $\text{CH}_2\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(\text{O})\text{R}^{2b}$ ,  $\text{CH}_2\text{C}(\text{O})\text{R}^{2b}$ ,  $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$ ,  
 $\text{NR}^2\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(=\text{NH})\text{NH}_2$ ,  $\text{NHC}(=\text{NH})\text{NH}_2$ ,  $\text{SO}_2\text{NR}^2\text{R}^{2a}$ ,  $\text{NR}^2\text{SO}_2\text{NR}^2\text{R}^{2a}$ ,  
 and  $\text{NR}^2\text{SO}_2\text{C}_{1-4}$  alkyl.

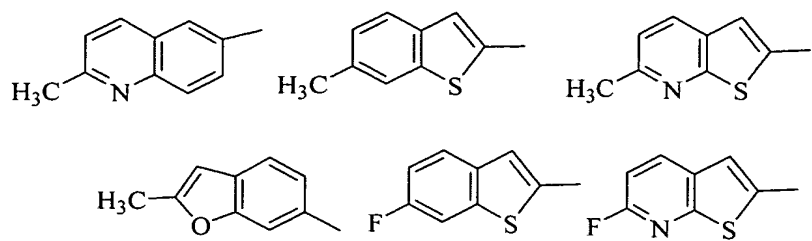
10 3. A compound according to Claim 2, wherein:

G is selected from: phenyl; 4-ethyl-phenyl; 2-aminomethyl-4-chloro-phenyl;  
 2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;  
 4-chloro-2-methylsulfonyl-phenyl; 2-aminosulfonyl-4-fluoro-phenyl;  
 2-amido-4-fluoro-phenyl; 4-fluoro-2-methylsulfonyl-phenyl;  
 15 2-aminomethyl-4-bromo-phenyl; 2-aminosulfonyl-4-bromo-phenyl;  
 2-amido-4-bromo-phenyl; 4-bromo-2-methylsulfonyl-phenyl;  
 2-aminomethyl-4-methyl-phenyl; 2-aminosulfonyl-4-methyl-phenyl;  
 2-amido-4-methyl-phenyl; 2-methylsulfonyl-4-methyl-phenyl; 4-fluoro-pyrid-2-yl;  
 4-bromo-pyrid-2-yl; 4-methyl-pyrid-2-yl; 5-fluoro-thien-2-yl; 5-bromo-thien-2-yl;  
 20 5-methyl-thien-2-yl; 2-amido-4-methoxy-phenyl; 2-amido-phenyl;  
 2-aminomethyl-3-fluoro-phenyl; 2-aminomethyl-4-fluoro-phenyl;  
 2-aminomethyl-5-fluoro-phenyl; 2-aminomethyl-6-fluoro-phenyl;  
 2-aminomethyl-phenyl; 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;  
 2-aminosulfonyl-phenyl; 3-amido-phenyl; 3-amino-4-chloro-phenyl;  
 25 3-aminomethyl-phenyl; 3-chloro-phenyl; 4-chloro-phenyl; 4-methoxy-phenyl;  
 2-methoxy-pyrid-5-yl; 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl;  
 6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 2-cyano-4-chloro-phenyl;  
 2-methoxy-4-chloro-phenyl; 2-fluoro-4-chloro-phenyl; 3-chloro-4-methyl-phenyl;  
 4-fluoro-phenyl; 3-fluoro-4-chloro-phenyl; 3-methyl-4-chloro-phenyl;  
 30 3-fluoro-4-methyl-phenyl; 3,4-dimethyl-phenyl; 3-chloro-4-fluoro-phenyl;

3-methyl-4-fluoro-phenyl; 4-methylsulfanyl-phenyl; 2-chlorothiazol-5-yl;  
5-chlorothiazol-2-yl;

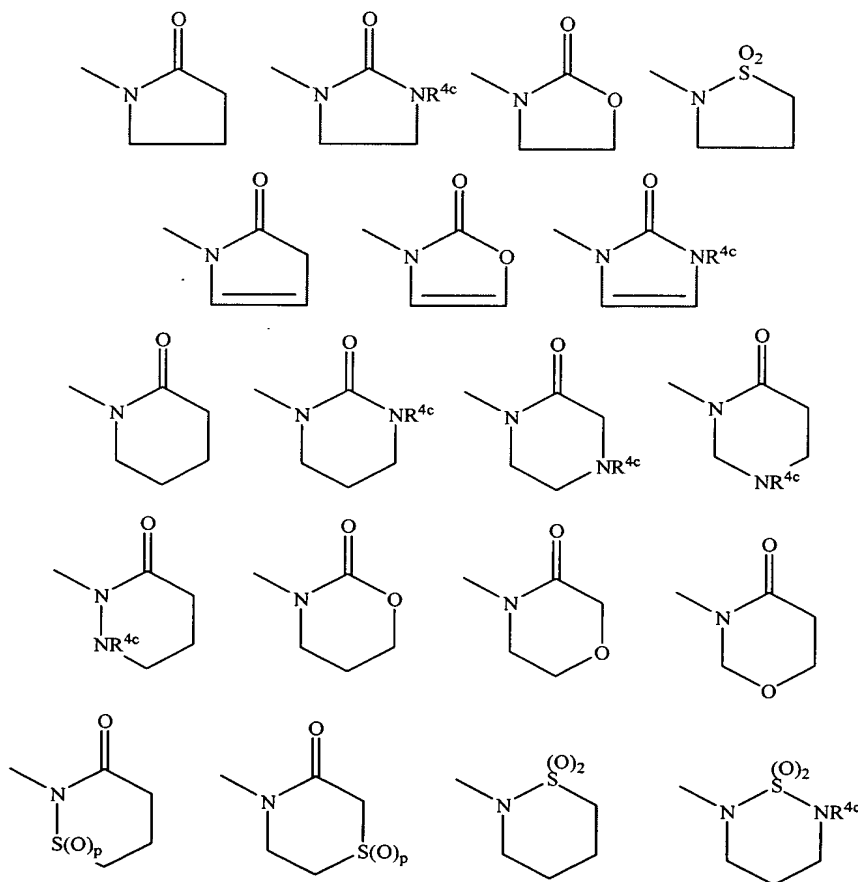




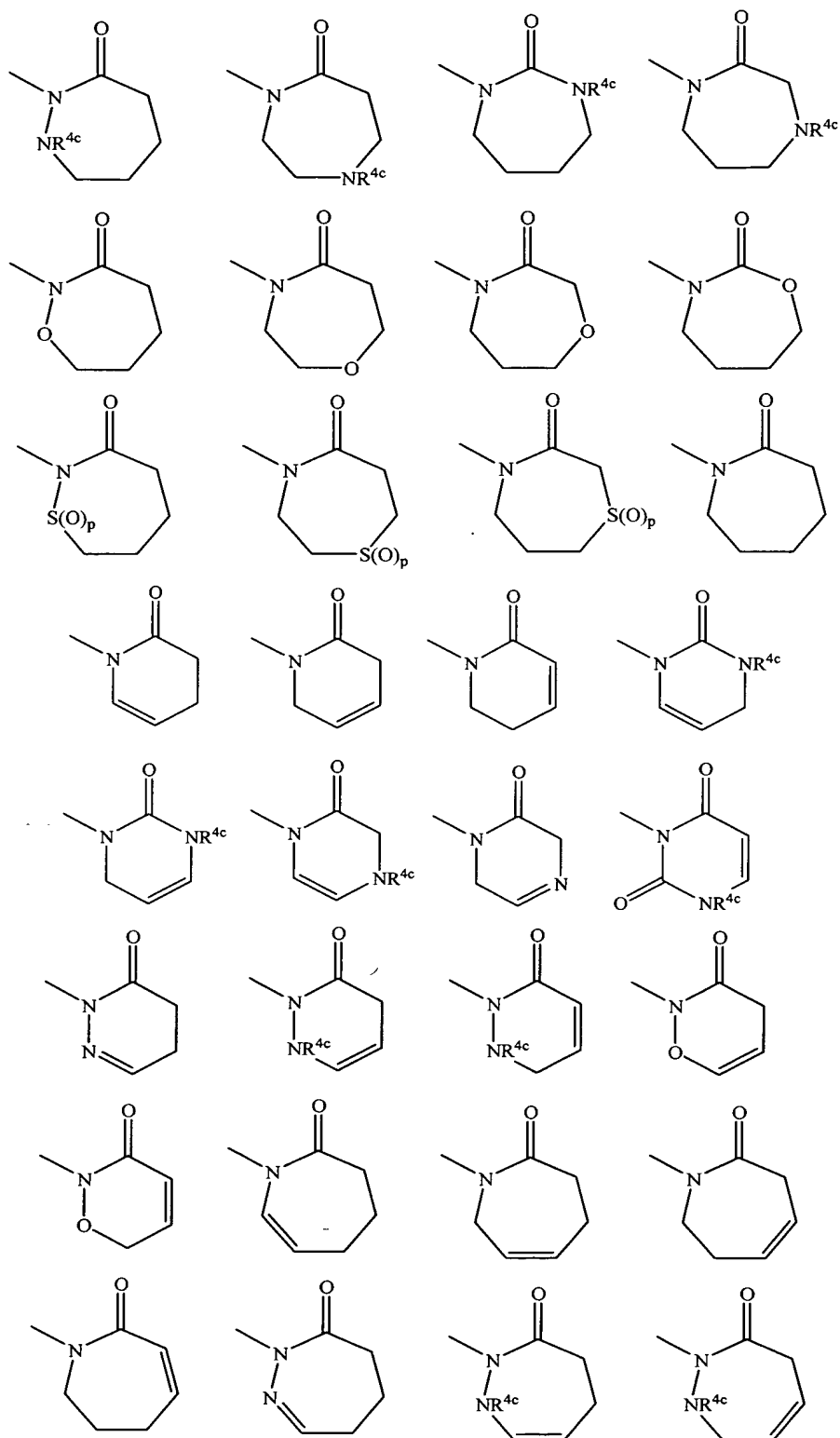


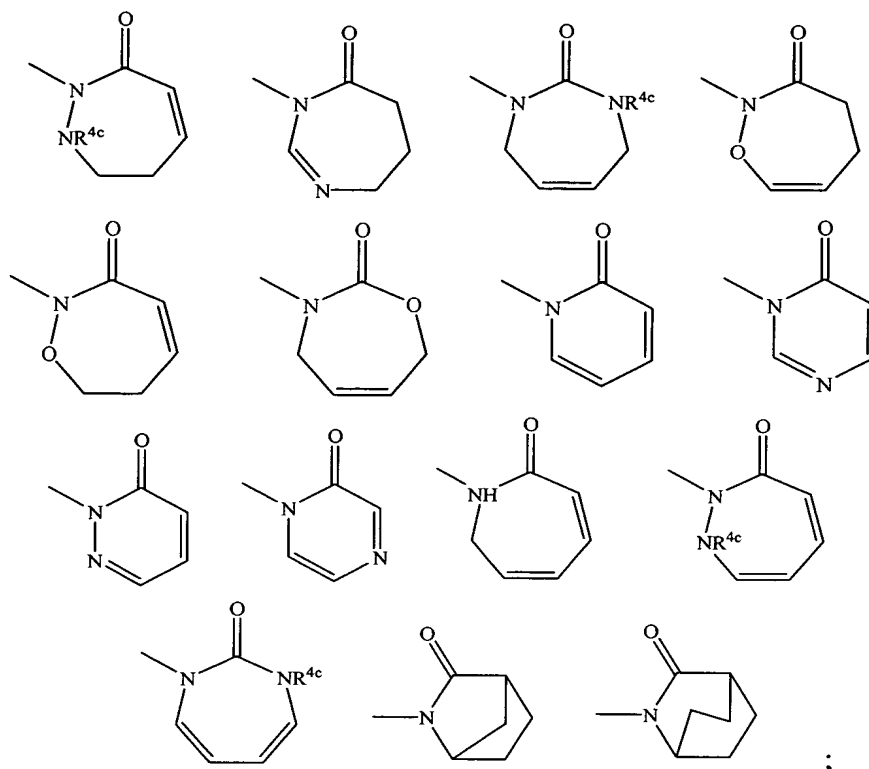
A is selected from the group: cyclohexyl, piperidinyl, indolinyl, phenyl,  
 2-pyridyl, 3-pyridyl, 2-pyrimidyl, 2-chloro-phenyl, 3-chloro-phenyl, 2-fluoro-phenyl,  
 5 3-fluoro-phenyl, 2-methylphenyl, 3-methylphenyl, 2-aminophenyl, 3-aminophenyl,  
 2-methoxyphenyl, and 3-methoxyphenyl;

B is attached to a different atom on A than M, is substituted with 0-2  $R^{4a}$ , and  
 is selected from the group:



10





$G_1$  is selected from  $CH_2$ ,  $CH_2CH_2$ ,  $CH=CH$ ,  $CH_2O$ ,  $OCH_2$ ,  $C(O)$ ,  $NH$ ,  
 5  $CH_2NH$ ,  $NHCH_2$ ,  $CH_2C(O)$ ,  $C(O)CH_2$ ,  $C(O)NH$ ,  $NHC(O)$ ,  $NHC(O)NH$ ,  
 $NHC(O)CH_2C(O)NH$ ,  $C(O)NHS(O)_2$ ,  $CH_2S$ ,  $SCH_2$ ,  $CH_2S(O)$ ,  $S(O)_2$ ,  $CH_2S(O)_2$ ,  
 $S(O)_2(CH_2)$ ,  $SO_2NH$ ,  $NHSO_2$ ,  $NHCH_2C(O)NH$ ,  $NHC(O)C(O)NH$ ,  $NHC(O)C(S)NH$ ,  
 and  $NHC(S)C(O)NH$  and the right side of  $G_1$  is attached to ring  $G$ , provided that  $Z$   
 does not form a  $N-S$ ,  $NCH_2N$ ,  $NCH_2O$ , or  $NCH_2S$  bond with either group to which it  
 10 is attached;

$Z$  is selected from  $CH_2$ ,  $CH_2CH_2$ ,  $CH_2O$ ,  $OCH_2$ ,  $C(O)$ ,  $NH$ ,  $CH_2NH$ ,  
 $NHCH_2$ ,  $CH_2C(O)$ ,  $C(O)CH_2$ ,  $C(O)NH$ ,  $NHC(O)$ ,  $NHC(O)NH$ ,  
 $NHC(O)CH_2C(O)NH$ ,  $C(O)NHS(O)_2$ ,  $CH_2S$ ,  $SCH_2$ ,  $CH_2S(O)$ ,  $S(O)_2$ ,  $CH_2S(O)_2$ ,  
 $S(O)_2(CH_2)$ ,  $SO_2NH$ , and  $NHSO_2$  and the right side of  $Z$  is attached to  $A$ , provided  
 15 that  $Z$  does not form a  $N-S$ ,  $NCH_2N$ ,  $NCH_2O$ , or  $NCH_2S$  bond with either group to  
 which it is attached;

$R^{1a}$  is selected from  $H$ ,  $R^{1b}$ ,  $CH(CH_3)R^{1b}$ ,  $C(CH_3)_2R^{1b}$ ,  $CH_2R^{1b}$ , and  
 $CH_2CH_2R^{1b}$ , provided that  $R^{1a}$  forms other than an  $N$ -halo,  $N-S$ , or  $N-CN$  bond;

alternatively, when two  $R^{1a}$  groups are attached to adjacent atoms, together with the atoms to which they are attached they form a 5-6 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , this ring being substituted with 0-2  $R^{4b}$  and having 0-3 ring double bonds;

5  $R^{1b}$  is selected from H,  $CH_3$ ,  $CH_2CH_3$ , F, Cl, Br, -CN, -CHO,  $CF_3$ ,  $OR^2$ ,  $NR^2R^{2a}$ ,  $C(O)R^{2b}$ ,  $CO_2R^{2b}$ ,  $OC(O)R^2$ ,  $CO_2R^{2a}$ ,  $S(O)_pR^{2b}$ ,  $NR^2(CH_2)_rOR^2$ ,  $NR^2C(O)R^{2b}$ ,  $C(O)NR^2R^{2a}$ ,  $C(O)NR^2R^{2b}$ ,  $C(S)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ ,  $NR^2SO_2R^2$ ,  $C_{3-5}$  cycloalkyl substituted with 0-2  $R^{4b}$ , phenyl substituted with 0-2  $R^{4b}$ , and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ,  
10 provided that  $R^{1b}$  forms other than an O-O, N-halo, N-S, or N-CN bond;

$R^2$ , at each occurrence, is selected from H,  $CF_3$ ,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , phenyl substituted with 0-2  $R^{4b}$ , a benzyl substituted with 0-2  $R^{4b}$ , and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ;

$R^{2a}$ , at each occurrence, is selected from H,  $CF_3$ ,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $C(CH_3)_3$ ,  $C_{3-5}$  cycloalkyl substituted with 0-1  $R^{4b}$ , benzyl substituted with 0-2  $R^{4b}$ , phenyl substituted with 0-2  $R^{4b}$ , and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group  
15 consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ;

alternatively,  $NR^2R^{2a}$  forms a 4, 5, or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-2  $R^{4b}$  and consisting of: carbon atoms, the nitrogen atom to which  $R^2$  and  $R^{2a}$  are attached, and 0-1 additional heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ ;

25  $R^{2b}$ , at each occurrence, is selected from  $CF_3$ ,  $C_{1-4}$  alkoxy,  $C_{1-5}$  alkyl substituted with 0-3  $R^{4b}$ ,  $C_{3-5}$  cycloalkyl substituted with 0-2  $R^{4b}$ , benzyl substituted with 0-2  $R^{4b}$ , phenyl substituted with 0-2  $R^{4b}$ , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ;



$R^{2c}$ , at each occurrence, is selected from  $CF_3$ , OH,  $OCH_3$ ,  $OCH_2CH_3$ ,  $OCH_2CH_2CH_3$ ,  $OCH(CH_3)_2$ ,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , benzyl substituted with 0-2  $R^{4b}$ , phenyl substituted with 0-2  $R^{4b}$ , and 5-6 membered aromatic heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ ;

$R^{4a}$ , at each occurrence, is selected from H, =O,  $CH_2OR^2$ ,  $OR^2$ , F, Br, Cl,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ , -CN,  $NO_2$ ,  $NR^2R^{2a}$ ,  $CH_2NR^2R^{2a}$ ,  $C(O)R^{2c}$ ,  $NR^2C(O)R^{2b}$ ,  $C(O)NR^2R^{2a}$ ,  $NR^2C(O)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ , and  $-CF_3$ ;

$R^{4b}$ , at each occurrence, is selected from H, =O,  $OR^3$ ,  $CH_2OR^3$ , F, Cl,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , -CN,  $NO_2$ ,  $NR^3R^{3a}$ ,  $CH_2NR^3R^{3a}$ ,  $C(O)R^3$ ,  $CH_2C(O)R^3$ ,  $C(O)OR^{3c}$ ,  $CH_2C(O)OR^{3c}$ ,  $NR^3C(O)R^{3a}$ ,  $CH_2NR^3C(O)R^{3a}$ ,  $C(O)NR^3R^{3a}$ ,  $CH_2C(O)NR^3R^{3a}$ ,  $SO_2NR^3R^{3a}$ ,  $CH_2SO_2NR^3R^{3a}$ ,  $NR^3SO_2-C_{1-4}$  alkyl,  $CH_2NR^3SO_2-C_{1-4}$  alkyl,  $NR^3SO_2$ -phenyl,  $CH_2NR^3SO_2$ -phenyl,  $S(O)_pCF_3$ ,  $CH_2S(O)_pCF_3$ ,  $S(O)_p-C_{1-4}$  alkyl,  $CH_2S(O)_p-C_{1-4}$  alkyl,  $S(O)_p$ -phenyl,  $CH_2S(O)_p$ -phenyl, and  $CF_3$ ;

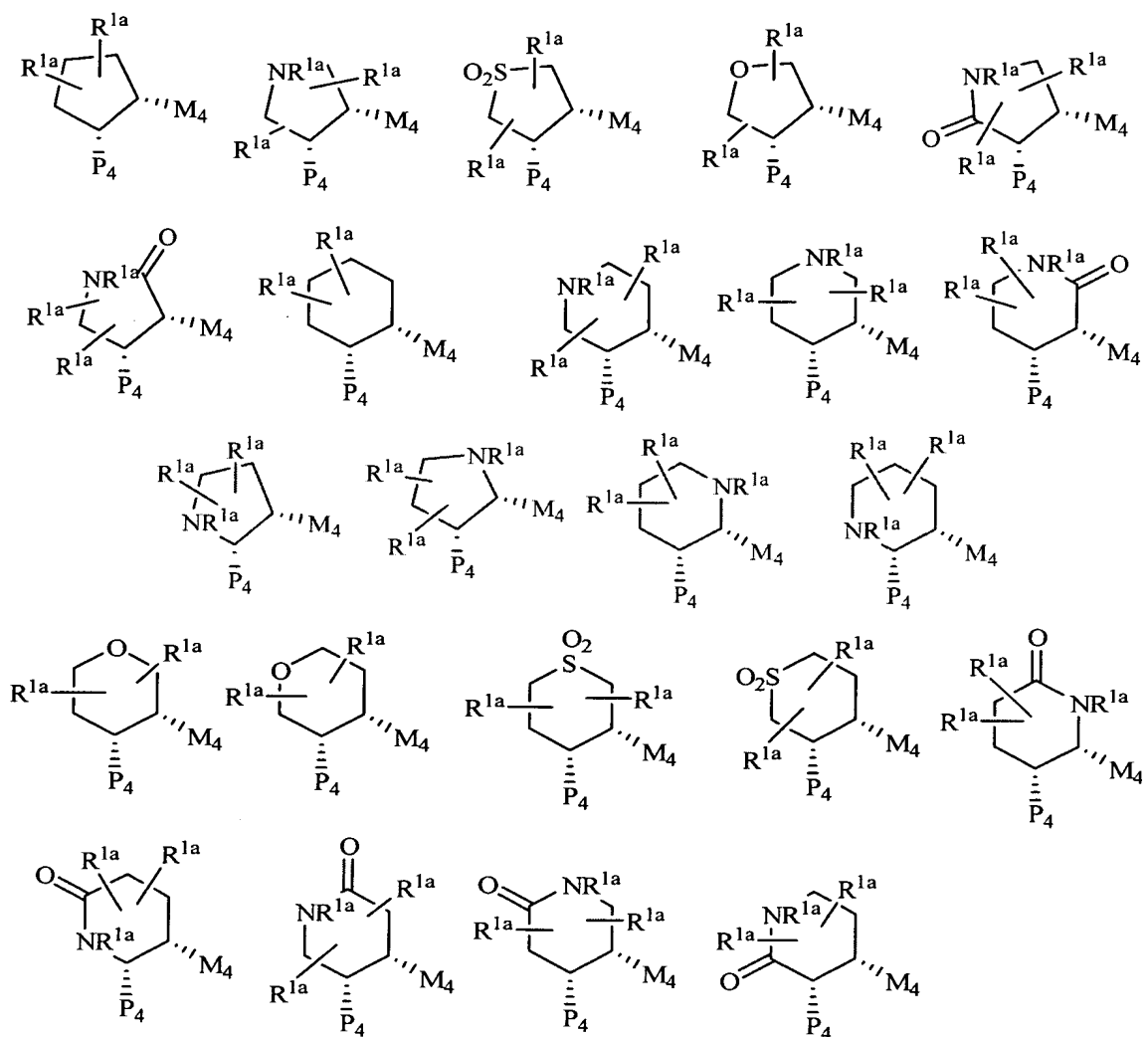
$R^{4c}$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $CH_2CH_2CH_2CH_3$ ,  $CH_2CH(CH_3)_2$ ,  $CH(CH_3)CH_2CH_3$ ,  $C(CH_3)_3$ ,  $CH_2OR^2$ ,  $CH_2F$ ,  $CH_2Br$ ,  $CH_2Cl$ ,  $CH_2CN$ ,  $CH_2NO_2$ ,  $CH_2NR^2R^{2a}$ ,  $C(O)R^{2c}$ ,  $CH_2C(O)R^{2c}$ ,  $CH_2NR^2C(O)R^{2b}$ ,  $C(O)NR^2R^{2a}$ ,  $CH_2C(O)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ ,  $CH_2SO_2NR^2R^{2a}$ ,  $S(O)_pR^{5a}$ ,  $CH_2S(O)_pR^{5a}$ ,  $CF_3$ , phenyl substituted with 0-1  $R^5$ , and benzyl substituted with 0-1  $R^5$ ;

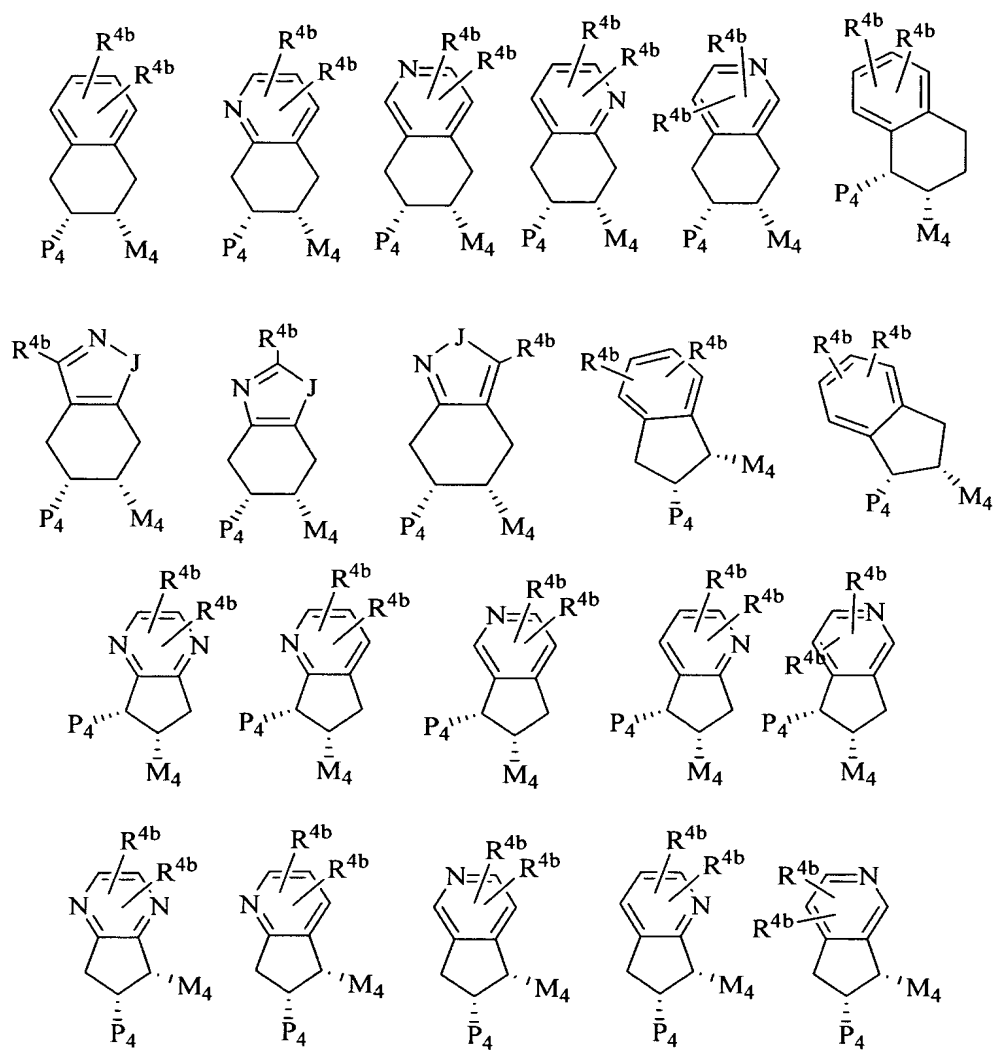
$R^5$ , at each occurrence, is selected from H, =O,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $OR^3$ ,  $CH_2OR^3$ , F, Cl, -CN,  $NO_2$ ,  $NR^3R^{3a}$ ,  $CH_2NR^3R^{3a}$ ,  $C(O)R^3$ ,  $CH_2C(O)R^3$ ,  $C(O)OR^{3c}$ ,  $CH_2C(O)OR^{3c}$ ,  $NR^3C(O)R^{3a}$ ,  $C(O)NR^3R^{3a}$ ,  $SO_2NR^3R^{3a}$ ,  $NR^3SO_2-C_{1-4}$  alkyl,  $NR^3SO_2CF_3$ ,  $NR^3SO_2$ -phenyl,  $S(O)_pCF_3$ ,  $S(O)_p-C_{1-4}$  alkyl,  $S(O)_p$ -phenyl,  $CF_3$ , phenyl substituted with 0-2  $R^6$ , naphthyl substituted with 0-2  $R^6$ , and benzyl substituted with 0-2  $R^6$ ;

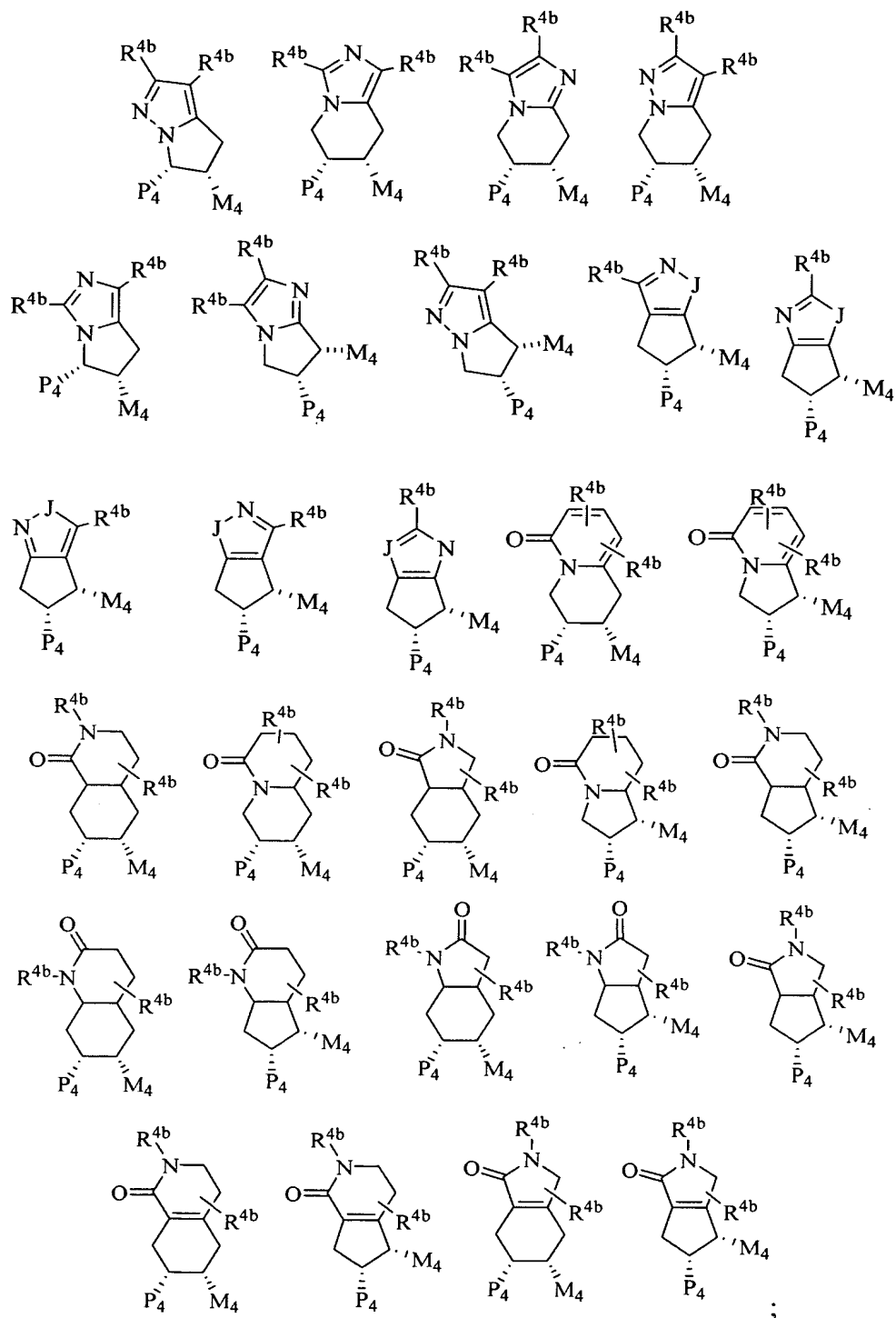
$R^{5a}$ , at each occurrence, is selected from  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ ,  $OR^3$ ,  $NR^3R^{3a}$ ,  $C(O)R^3$ ,  $NR^3C(O)R^{3a}$ ,  $C(O)NR^3R^{3a}$ ,  $CF_3$ , phenyl substituted with 0-2  $R^6$ , naphthyl substituted with 0-2  $R^6$ , and benzyl substituted with 0-2  $R^6$ , provided that  $R^{5a}$  does not form a S-N or  $S(O)_p-C(O)$  bond; and

- 5  $R^6$ , at each occurrence, is selected from H, OH,  $OR^2$ , F, Cl,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , -CN,  $NO_2$ ,  $NR^2R^{2a}$ ,  $CH_2NR^2R^{2a}$ ,  $C(O)R^{2b}$ ,  $CH_2C(O)R^{2b}$ ,  $NR^2C(O)R^{2b}$ ,  $SO_2NR^2R^{2a}$ , and  $NR^2SO_2C_{1-4}$  alkyl.

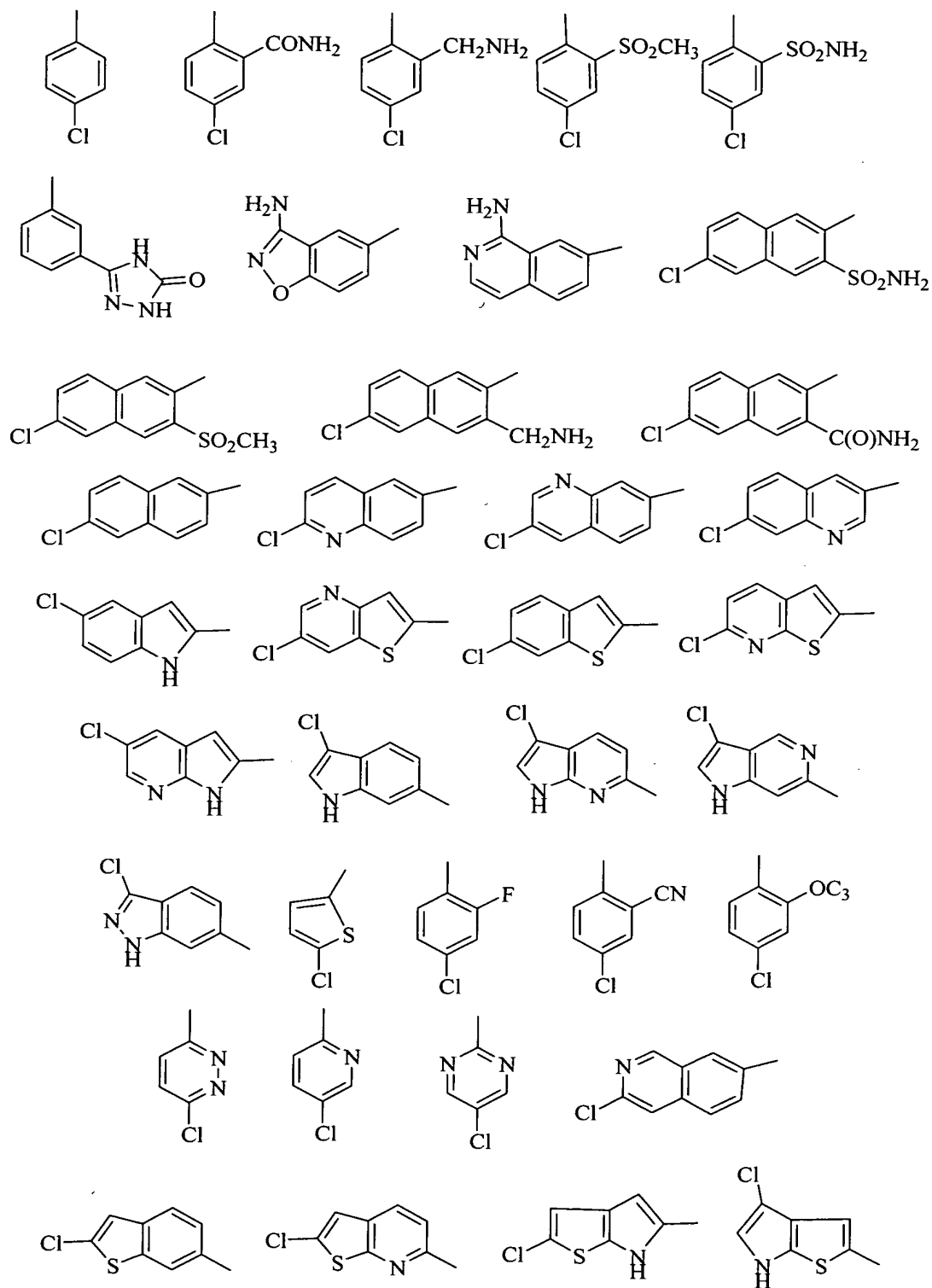
- 10 4. A compound according to Claim 3, wherein the compound is selected from:

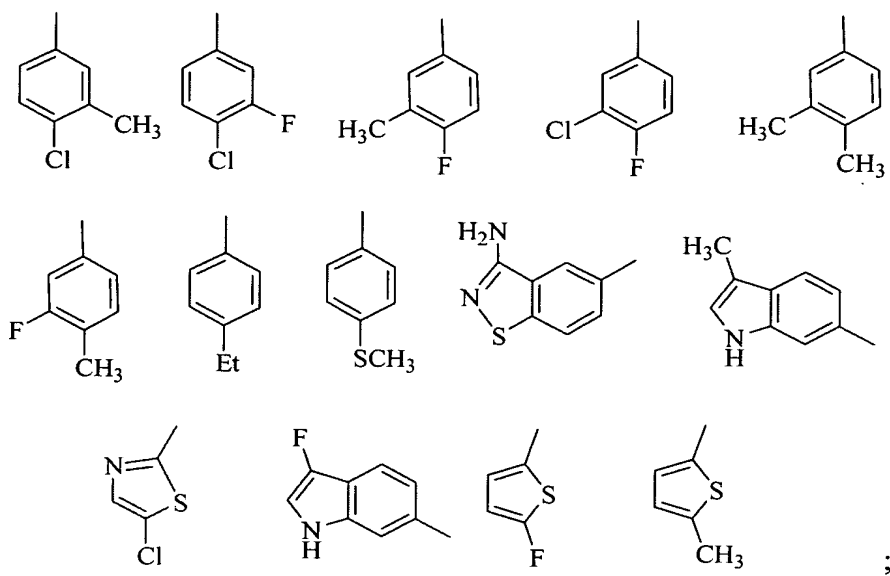




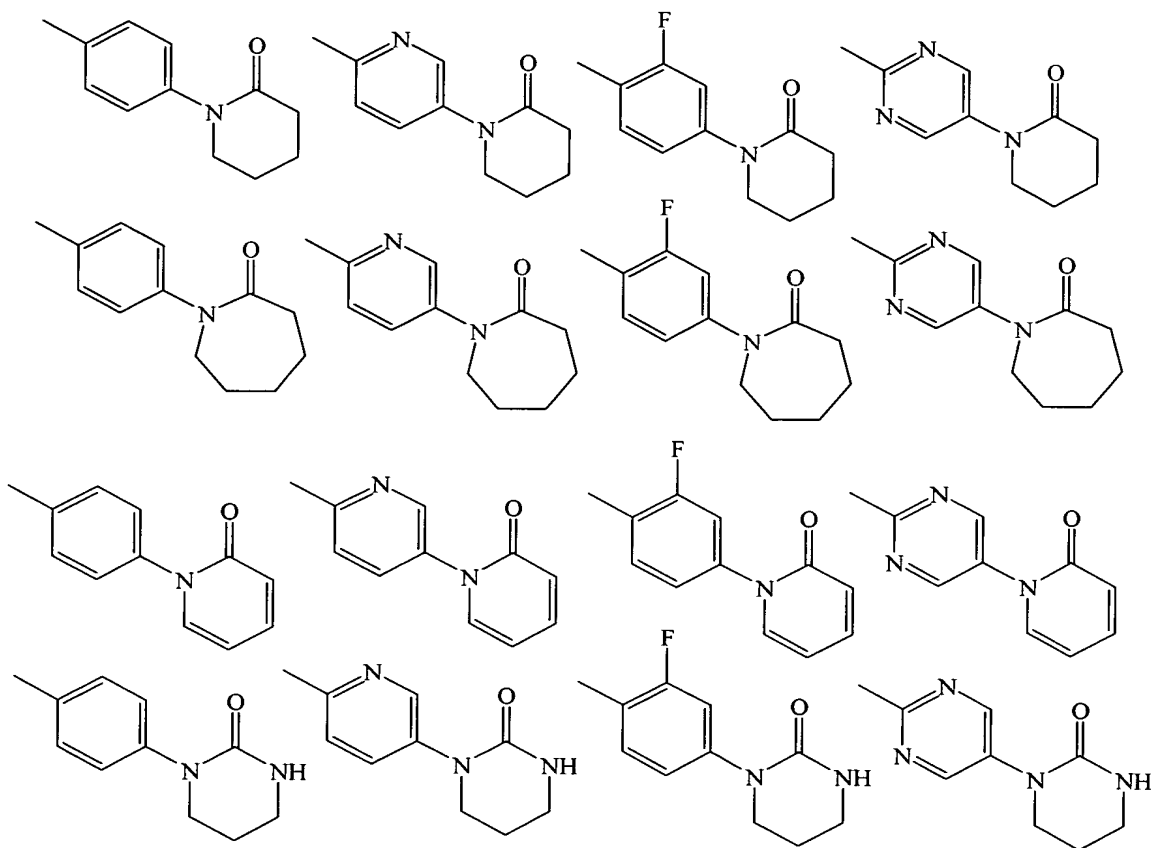


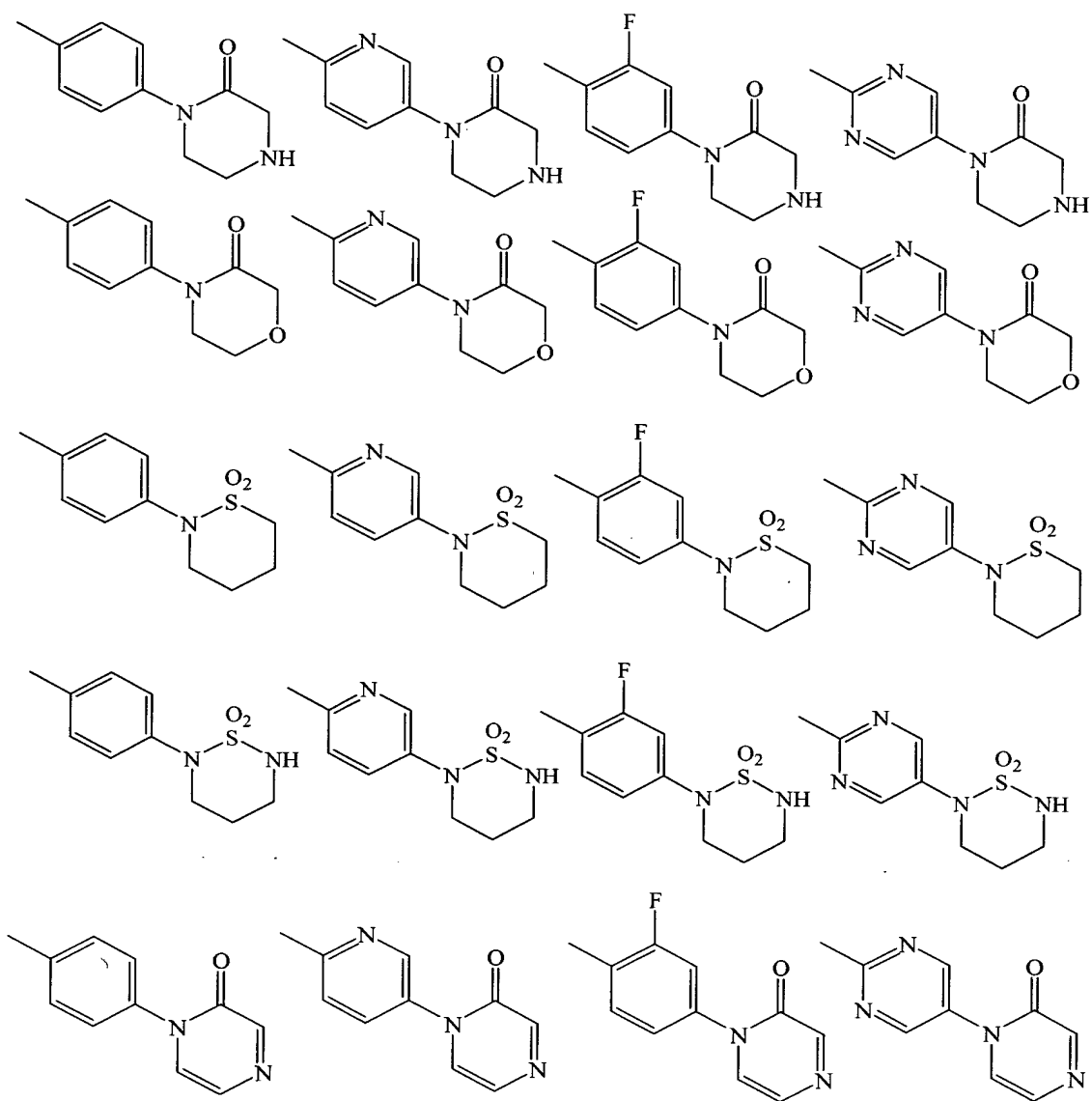
- 5 J is selected from O, S, NH, and  $NR^{1a}$ ;  
 G is selected from:

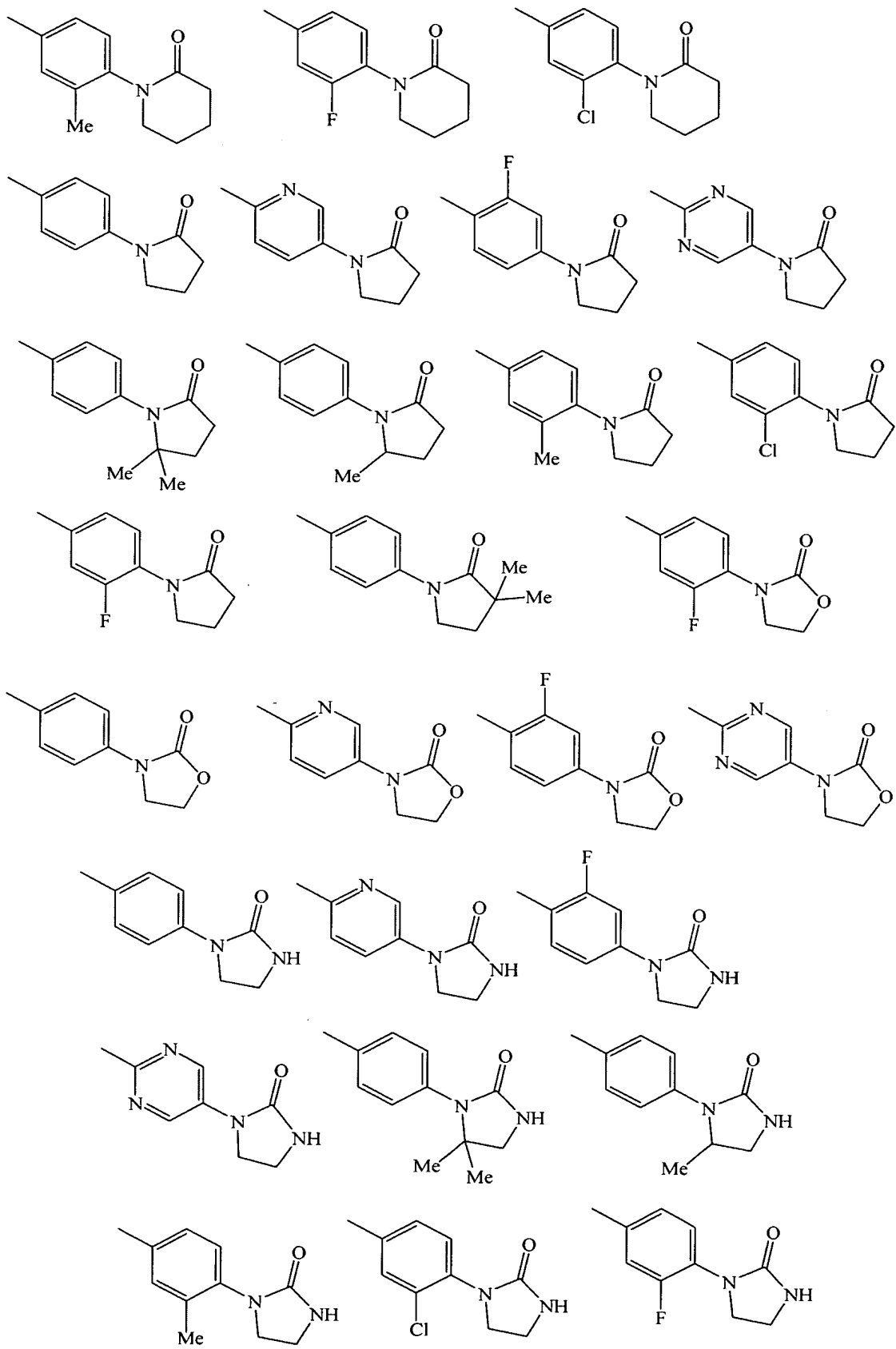




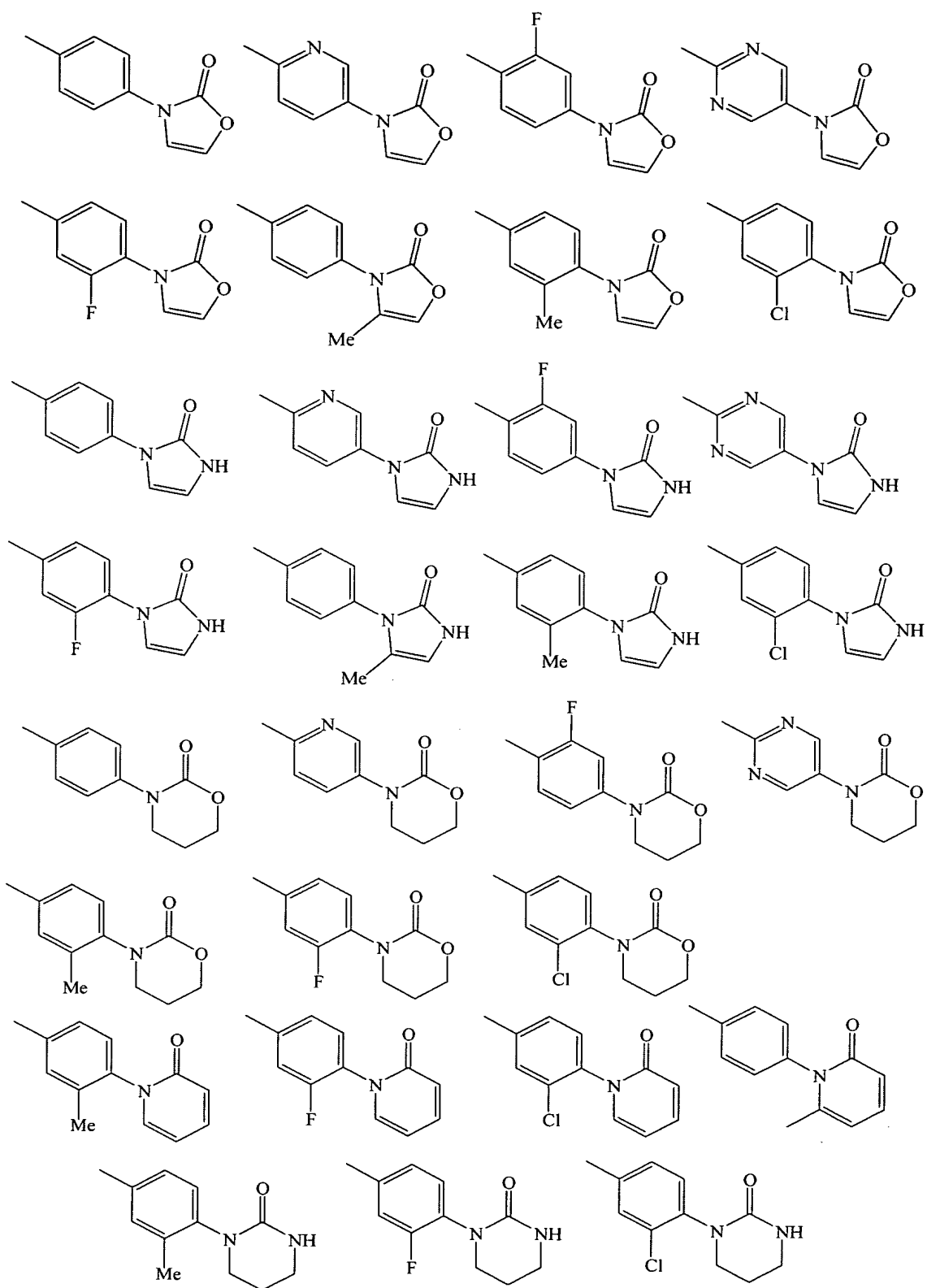
A-B is selected from:

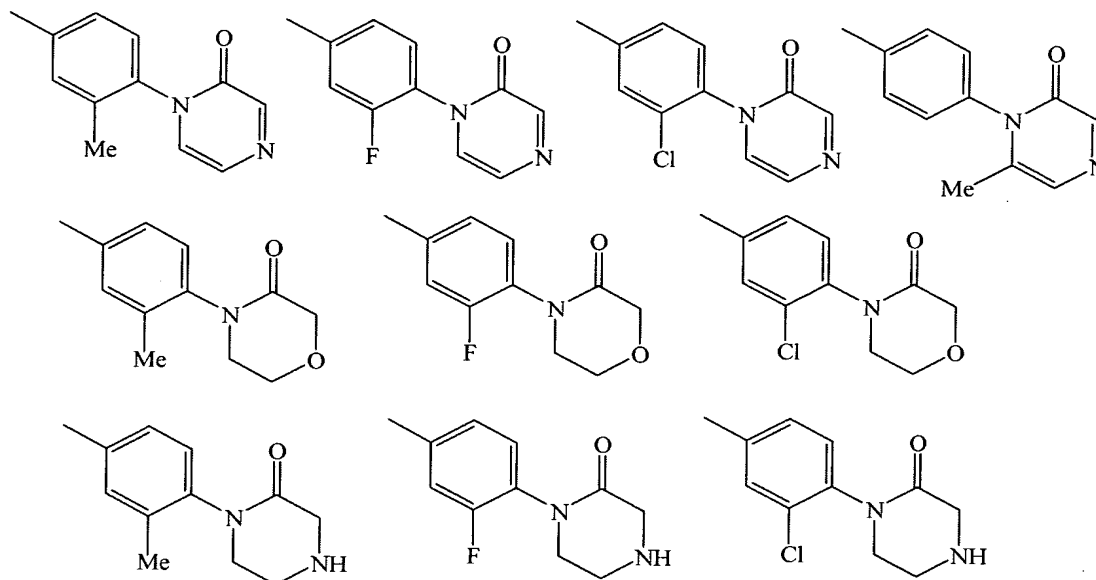












$G_1$  is selected from  $CH=CH$ ,  $CH_2C(O)$ ,  $C(O)CH_2$ ,  $NH$ ,  $C(O)NH$ ,  $NHC(O)$ ,  $CH_2S$ ,  $SCH_2$ ,  $CH_2S(O)$ ,  $CH_2SO_2$ ,  $SO_2NH$ ,  $NHSO_2$ ,  $NHCH_2C(O)NH$ ,  $NHC(O)C(O)NH$ ,  $NHC(O)C(S)NH$ , and  $NHC(S)C(O)NH$  and the right side of  $G_1$  is attached to ring G, provided that Z does not form a N-S, NCH<sub>2</sub>N, NCH<sub>2</sub>O, or NCH<sub>2</sub>S bond with either group to which it is attached;

Z is selected from  $CH_2C(O)$ ,  $C(O)CH_2$ ,  $NH$ ,  $C(O)NH$ ,  $NHC(O)$ ,  $CH_2S$ ,  $SCH_2$ ,  $CH_2S(O)$ ,  $CH_2SO_2$ ,  $SO_2NH$ , and  $NHSO_2$  and the right side of Z is attached to A, provided that Z does not form a N-S, NCH<sub>2</sub>N, NCH<sub>2</sub>O, or NCH<sub>2</sub>S bond with either group to which it is attached;

$R^{1a}$  is selected from H,  $R^{1b}$ ,  $C(CH_3)_2R^{1b}$ ,  $CH_2R^{1b}$ , and  $CH_2CH_2R^{1b}$ , provided that  $R^{1a}$  forms other than an N-halo, N-S, or N-CN bond;

$R^{1b}$  is selected from  $CH_3$ ,  $CH_2CH_3$ , F, Cl, Br, -CN,  $CF_3$ ,  $OR^2$ ,  $NR^2R^{2a}$ ,  $C(O)R^{2b}$ ,  $CO_2R^{2b}$ ,  $CO_2R^{2a}$ ,  $S(O)_pR^{2b}$ ,  $C(O)NR^2R^{2a}$ ,  $C(O)NR^2R^{2b}$ ,  $C(S)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ ,  $NR^2SO_2R^2$ , cyclopropyl substituted with 0-2  $R^{4b}$ , and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and  $S(O)_p$ , and substituted with 0-2  $R^{4b}$ , provided that  $R^{1b}$  forms other than an O-O, N-halo, N-S, or N-CN bond;

$R^2$ , at each occurrence, is selected from H,  $CH_3$ ,  $CH_2CH_3$ ,  $CH_2CH_2CH_3$ ,  $CH(CH_3)_2$ , phenyl substituted with 0-1  $R^{4b}$ , benzyl substituted with 0-1  $R^{4b}$ , and 5-6

membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-1 R<sup>4b</sup>;

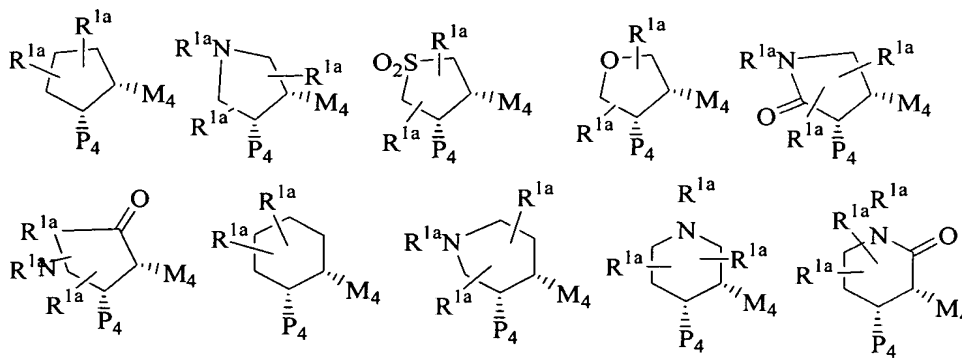
- R<sup>2a</sup>, at each occurrence, is selected from H, CH<sub>3</sub>, CH<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, CH(CH<sub>3</sub>)<sub>2</sub>, C(CH<sub>3</sub>)<sub>3</sub>, cyclopropyl, benzyl substituted with 0-1 R<sup>4b</sup>, phenyl substituted with 0-1 R<sup>4b</sup>, and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-1 R<sup>4b</sup>;

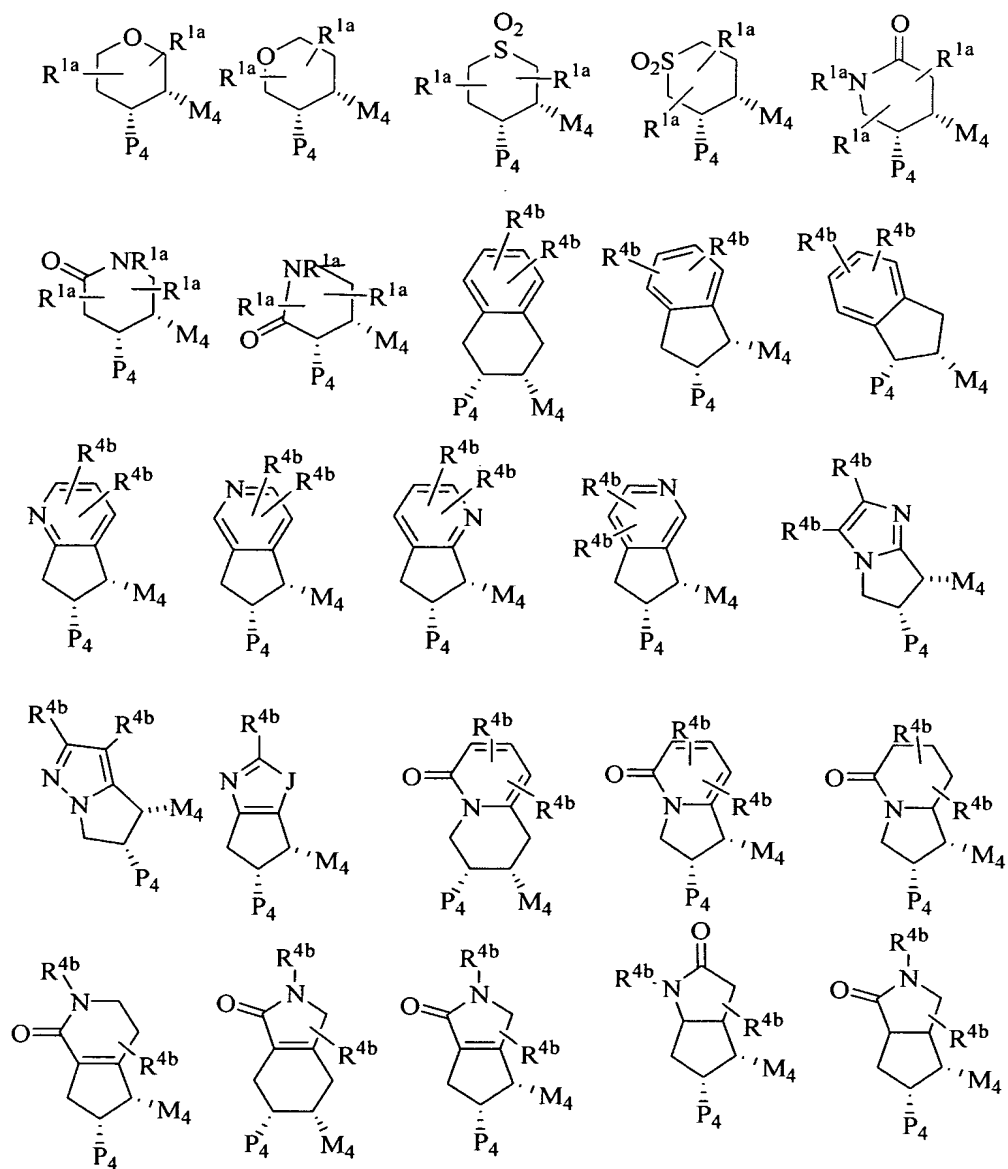
- alternatively, NR<sup>2</sup>R<sup>2a</sup> forms a 4, 5, or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-1 R<sup>4b</sup> and consisting of: carbon atoms, the nitrogen atom to which R<sup>2</sup> and R<sup>2a</sup> are attached, and 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>;

- R<sup>2b</sup>, at each occurrence, is selected from CF<sub>3</sub>, OH, OCH<sub>3</sub>, OCH<sub>2</sub>CH<sub>3</sub>, OCH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, OCH(CH<sub>3</sub>)<sub>2</sub>, C<sub>1-5</sub> alkyl substituted with 0-3 R<sup>4b</sup>, C<sub>3-5</sub> cycloalkyl substituted with 0-1 R<sup>4b</sup>, benzyl substituted with 0-1 R<sup>4b</sup>, phenyl substituted with 0-1 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)<sub>p</sub>, and substituted with 0-1 R<sup>4b</sup>; and

- R<sup>4b</sup>, at each occurrence, is selected from H, =O, OR<sup>3</sup>, CH<sub>2</sub>OR<sup>3</sup>, F, Cl, CH<sub>3</sub>, CH<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, CH(CH<sub>3</sub>)<sub>2</sub>, -CN, NO<sub>2</sub>, NR<sup>3</sup>R<sup>3a</sup>, CH<sub>2</sub>NR<sup>3</sup>R<sup>3a</sup>, C(O)R<sup>3</sup>, C(O)OR<sup>3c</sup>, NR<sup>3</sup>C(O)R<sup>3a</sup>, C(O)NR<sup>3</sup>R<sup>3a</sup>, SO<sub>2</sub>NR<sup>3</sup>R<sup>3a</sup>, NR<sup>3</sup>SO<sub>2</sub>-C<sub>1-4</sub> alkyl, NR<sup>3</sup>SO<sub>2</sub>-phenyl, S(O)<sub>p</sub>-C<sub>1-4</sub> alkyl, S(O)<sub>p</sub>-phenyl, and CF<sub>3</sub>.

5. A compound according to Claim 4, wherein the compound is selected from:



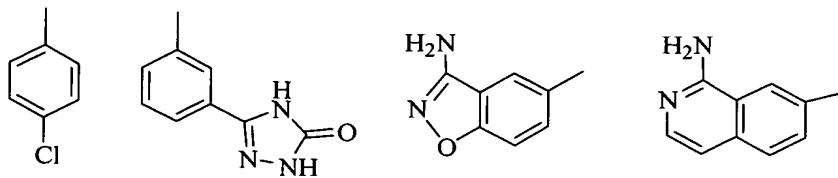


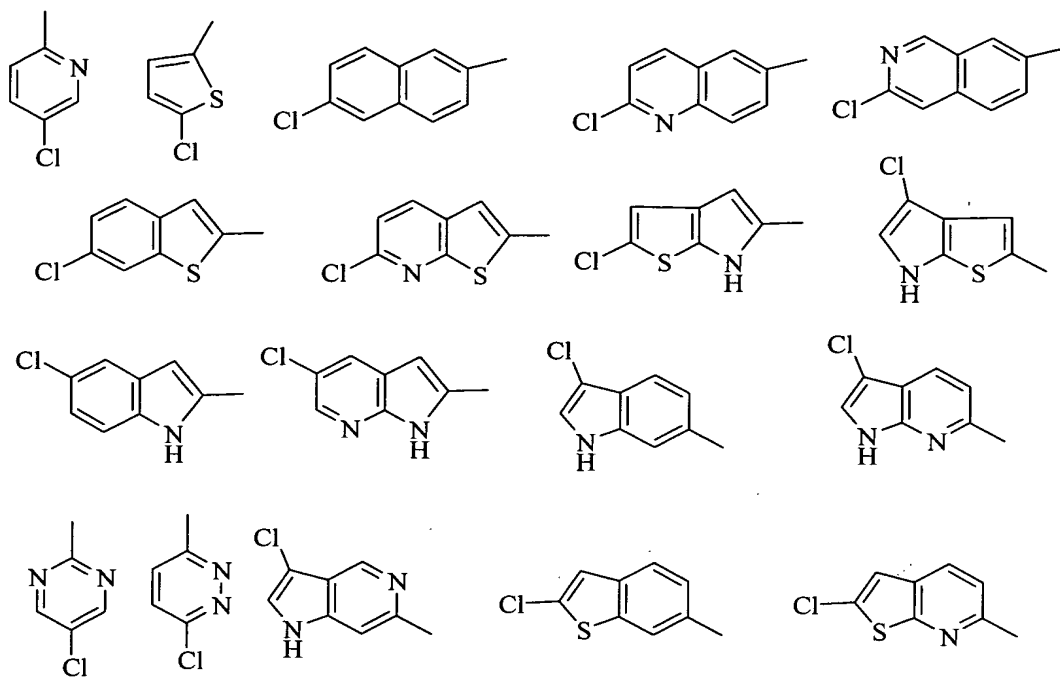
5

$P_4$  is  $G_1$ -G;

M<sub>4</sub> is Z-A-B;

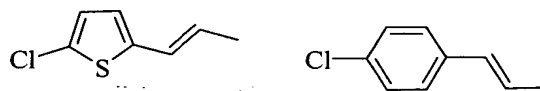
G is selected from:





$G_1$  is NHCO or NHC(=O)NH;

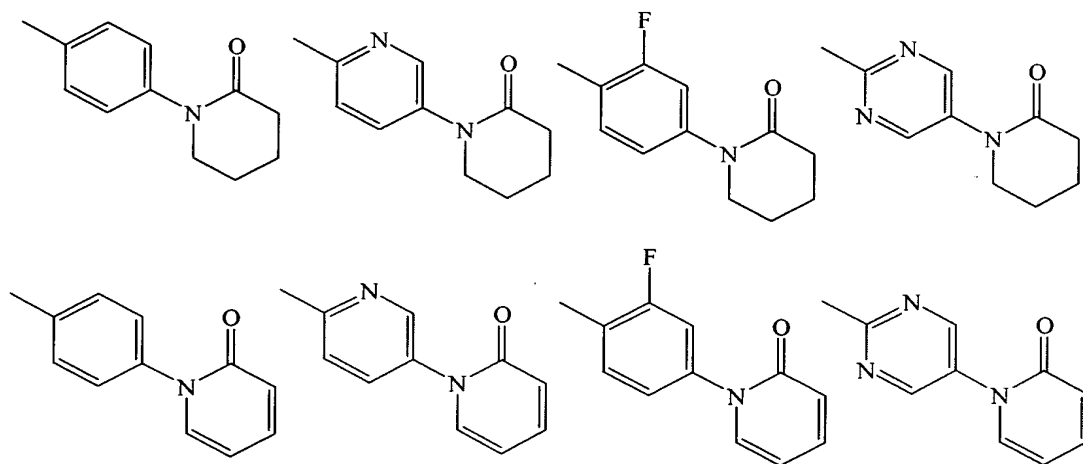
alternatively, G-G<sub>1</sub>-is selected from:

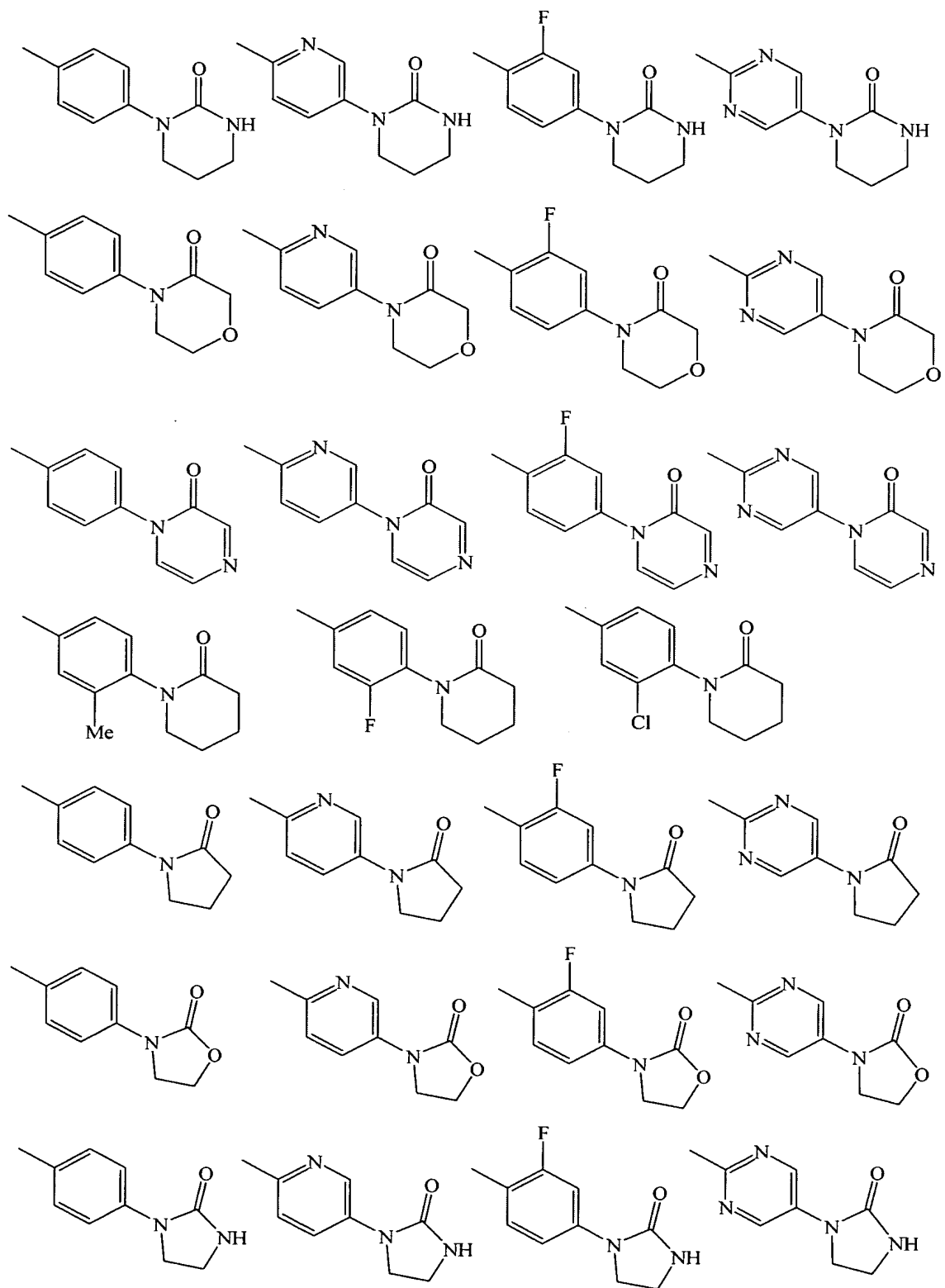


5

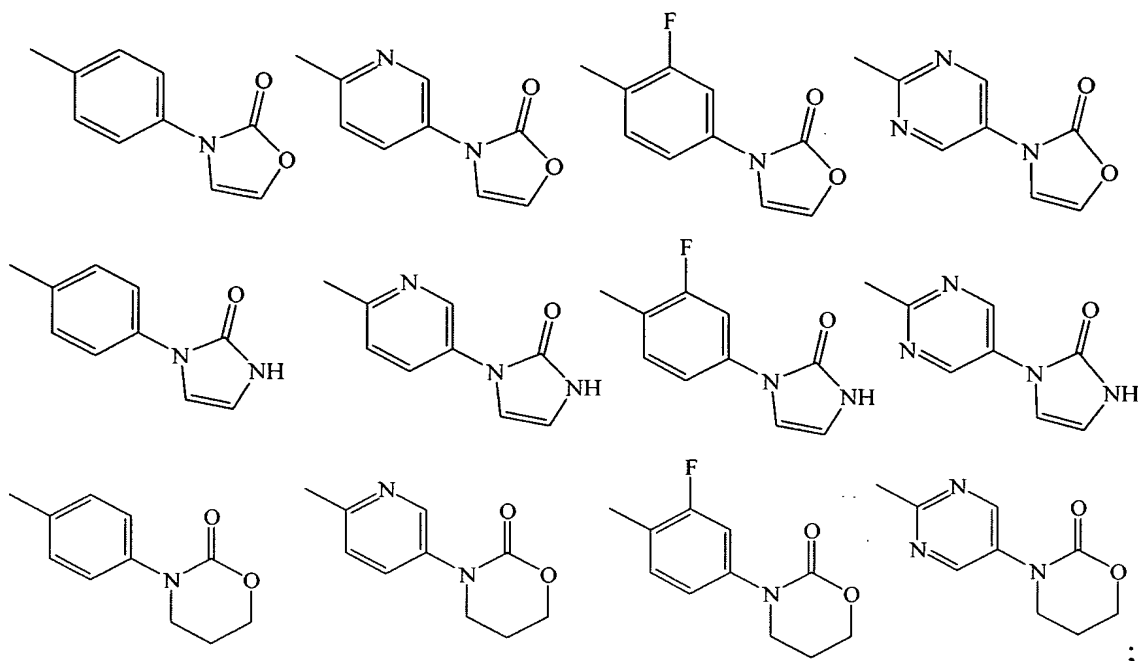
Z is NHCO or CONH;

A-B is selected from:



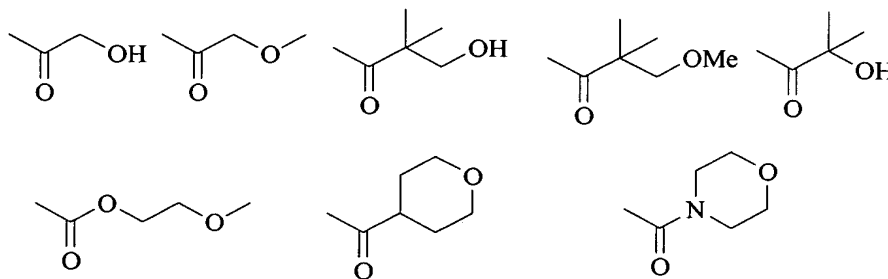


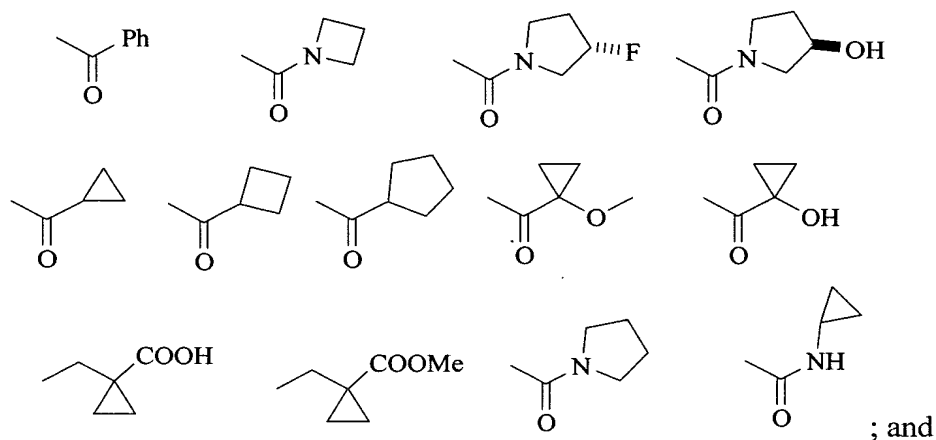
5



- $R^{1a}$  is selected from H, CH<sub>3</sub>, CH<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, OCH<sub>3</sub>, CH<sub>2</sub>OH,
- 5 CH<sub>2</sub>CH<sub>2</sub>OH, C(CH<sub>3</sub>)<sub>2</sub>OH, CH<sub>2</sub>OCH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>, NH<sub>2</sub>, CH<sub>2</sub>NH<sub>2</sub>, NHCH<sub>3</sub>, CH<sub>2</sub>NHCH<sub>3</sub>, N(CH<sub>3</sub>)<sub>2</sub>, CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>, CO<sub>2</sub>H, CH<sub>2</sub>CO<sub>2</sub>H, CH<sub>2</sub>CH<sub>2</sub>CO<sub>2</sub>H, CH<sub>2</sub>CH<sub>2</sub>CO<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, COCH<sub>3</sub>, COCH<sub>2</sub>C(CH<sub>3</sub>)<sub>3</sub>, COCF<sub>3</sub>, CO<sub>2</sub>CH<sub>3</sub>, CO<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, CO<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>, CO<sub>2</sub>C(CH<sub>3</sub>)<sub>3</sub>, CH<sub>2</sub>CO<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>CO<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, S(O)<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>S(O)<sub>2</sub>CH<sub>3</sub>, C(O)NH<sub>2</sub>, CONH(CH<sub>3</sub>), CONH(CH<sub>2</sub>CH<sub>3</sub>), CONHC(CH<sub>3</sub>)<sub>3</sub>,
- 10 CON(CH<sub>3</sub>)<sub>2</sub>, CON(CH<sub>3</sub>)(CH<sub>2</sub>CH<sub>3</sub>), CON(CH<sub>3</sub>)CH(CH<sub>3</sub>)<sub>2</sub>, CH<sub>2</sub>C(O)NH<sub>2</sub>, CH<sub>2</sub>CON(CH<sub>3</sub>)<sub>2</sub>, CSN(CH<sub>3</sub>)<sub>2</sub>, SO<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>SO<sub>2</sub>NH<sub>2</sub>, NHSO<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>NHSO<sub>2</sub>CH<sub>3</sub>, SO<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, SO<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>, SO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, SO<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>, SO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH, SO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>, SO<sub>2</sub>Ph, SO<sub>2</sub>CH<sub>2</sub>CF<sub>3</sub>, and SO<sub>2</sub>CF<sub>2</sub>CF<sub>3</sub>;

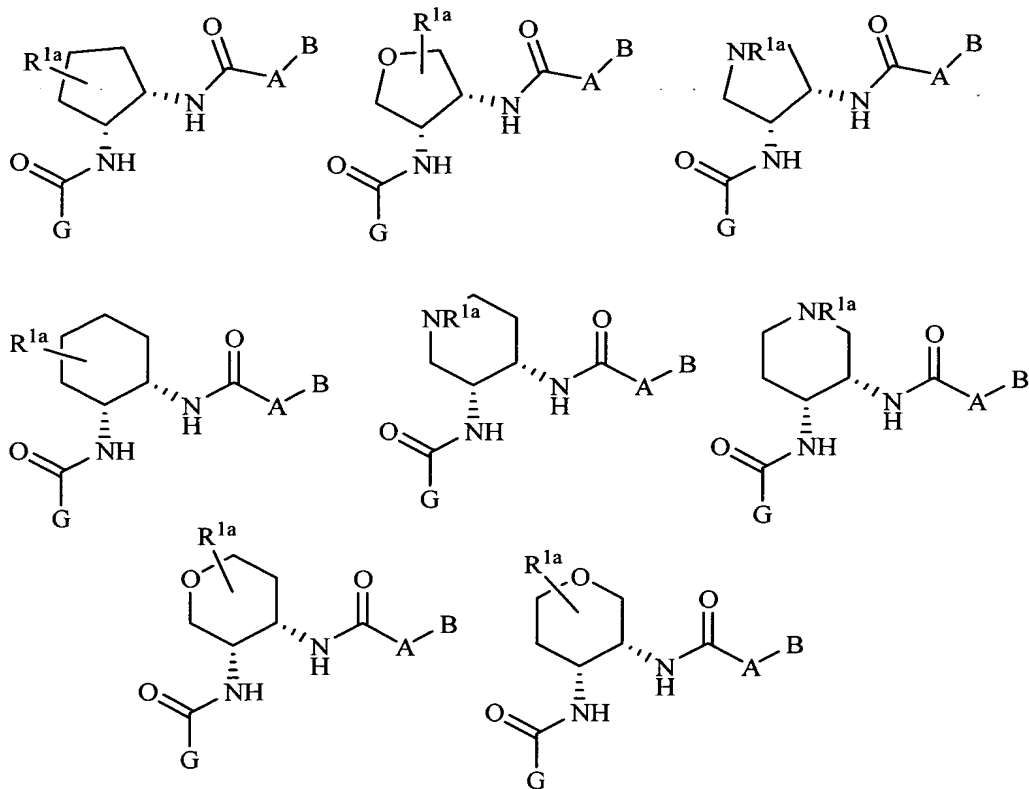
- 15 alternatively,  $R^{1a}$  is selected from:



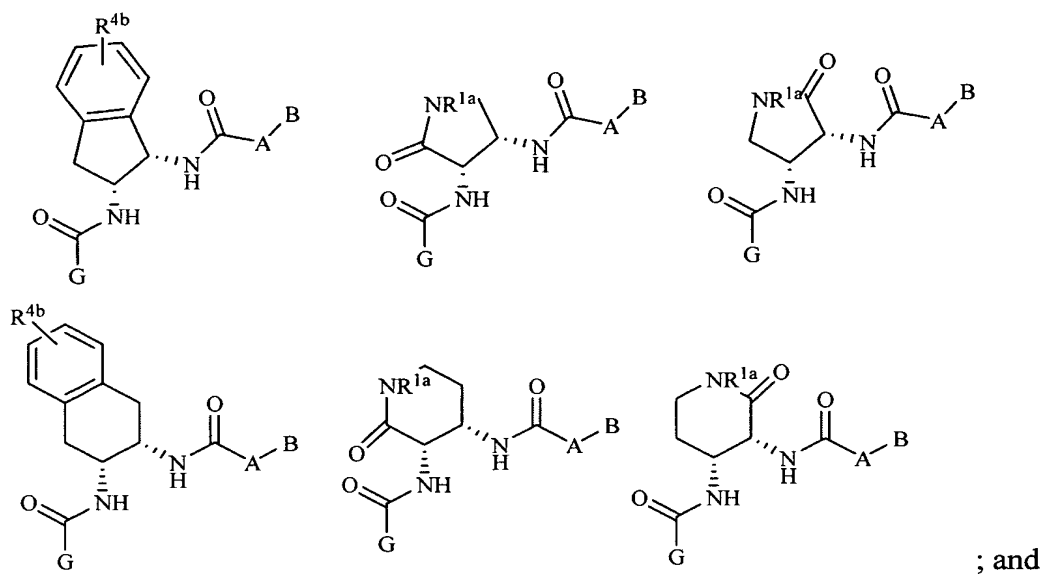


- $R^{4b}$ , at each occurrence, is selected from H, =O,  $OR^3$ ,  $CH_2OR^3$ , F, Cl,  $CH_3$ ,  $CH_2CH_3$ ,  $NR^3R^{3a}$ ,  $CH_2NR^3R^{3a}$ ,  $C(O)R^3$ ,  $C(O)OR^{3c}$ ,  $NR^3C(O)R^{3a}$ ,  $C(O)NR^3R^{3a}$ ,  
 5  $SO_2NR^3R^{3a}$ ,  $NR^3SO_2$ -phenyl,  $S(O)_2CH_3$ ,  $S(O)_2$ -phenyl, and  $CF_3$ .

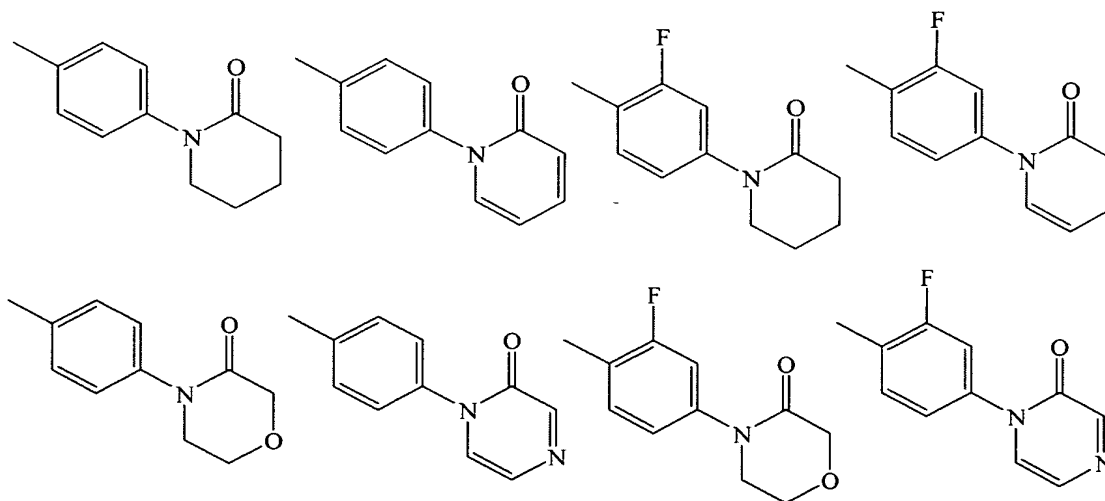
6. A compound according to Claim 5, wherein the compound is selected from:





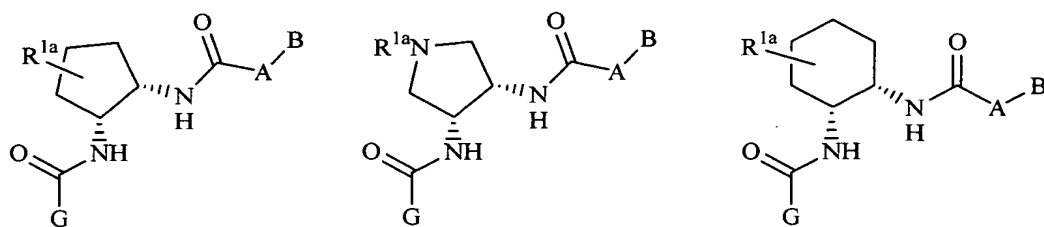


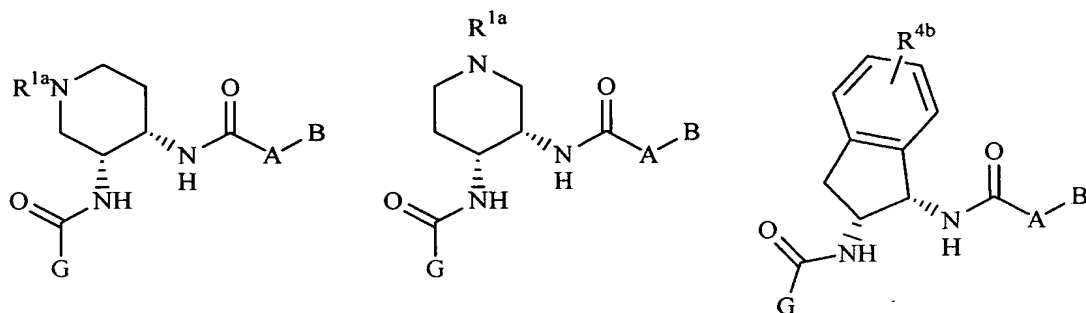
A-B is selected from:



5

7. A compound according to Claim 6, wherein the compound is selected from:





8. A compound according to Claim 1, wherein the compound is selected from the group:

- 5           (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*S*, 2*R*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 10           (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-piperidin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-piperidin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 15           (1*S*, 2*R*)-4-methoxy-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*S*, 2*R*)-5-chloro-1H-indole-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-5-chloro-1H-indole-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 20           (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- 25           (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-piperidin-1-yl)-benzoylamino]-cyclohexyl}-amide;

- (1*R*, 2*S*)-*N*-(5-chloro-pyridin-2-yl)-*N'*-(2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl)-oxalamide;
- (1*S*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- 5 (1*R*, 2*R*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-cyclohexyl}-amide;
- (1*S*, 3*R*, 4*S*)-3-[(3-chloro-1H-indole-6-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentanecarboxylic acid methyl ester;
- (1*S*, 3*R*, 4*S*)-3-[(5-chloro-thiophene-2-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentanecarboxylic acid methyl ester;
- 10 (1*R*, 2*S*, 4*S*)-5-chloro-thiophene-2-carboxylic acid {4-(2-methoxy-ethylcarbamoyl)-2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(3-oxo-morpholin-4-yl)-benzoylamino]-cyclohexyl}-amide;
- 15 (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(3-oxo-morpholin-4-yl)-benzoylamino]-cyclopentyl}-amide;
- cis*-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-phenylcarbamoyl]-cyclohexyl}-amide;
- (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[3-methyl-4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- 20 (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[3-methyl-4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-azepan-1-yl)-benzoylamino]-cyclohexyl}-amide;
- 25 (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-azepan-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-*N*-[2-(6-chloro-naphthalene-2-sulfonylamino)-cyclohexyl]-4-(2-oxo-2H-pyridin-1-yl)-benzamide;
- (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-pyrrolidin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- 30 (1*R*, 2*S*)-*N*-(5-chloro-pyridin-2-yl)-*N'*-(2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclohexyl)-oxalamide;

- (1*R*, 2*S*)-3-chloro-1*H*-indole-6-carboxylic acid {2-[4-(1,1-dioxo-1 $\lambda$ <sup>6</sup>-isothiazolidin-2-yl)-benzoylamino]-cyclohexyl}-amide;
- (1*R*, 2*S*)-3-chloro-1*H*-indole-6-carboxylic acid {2-[4-(2-oxo-tetrahydro-pyrimidin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- 5 (1*R*, 2*S*)-3-chloro-1*H*-indole-6-carboxylic acid {2-[4-(2-oxo-[1,3]oxazinan-3-yl)-benzoylamino]-cyclohexyl}-amide;
- (1*R*, 2*S*)-3-chloro-1*H*-indole-6-carboxylic acid {2-[2-fluoro-4-(2-oxo-2*H*-pyridin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- (1*R*, 2*S*)-4-chloro-phenylcarboxylic acid {2-[4-(2-oxo-2*H*-pyridin-1-yl)-
- 10 benzoylamino]-cyclohexyl}-amide;
- (1*R*, 2*S*)-3-chloro-1*H*-indole-6-carboxylic acid {2-[4-(2-oxo-2*H*-pyridin-1-yl)-benzoylamino]-indan-1-yl}-amide;
- (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2*H*-pyridin-1-yl)-benzoylamino]-indan-1-yl}-amide;
- 15 (1*S*, 2*R*)-5-chloro-thiophene-2-carboxylic acid {1-[4-(2-oxo-2*H*-pyridin-1-yl)-benzoylamino]-indan-2-yl}-amide;
- (1*S*, 2*R*)-3-chloro-1*H*-indole-6-carboxylic acid {1-[4-(2-oxo-2*H*-pyridin-1-yl)-benzoylamino]-indan-2-yl}-amide;
- (1*S*, 2*R*)-3-chloro-1*H*-indole-6-carboxylic acid {2-[4-(2-oxo-2*H*-pyridin-1-yl)-
- 20 benzoylamino]-indan-1-yl}-amide;
- (1*S*, 2*R*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2*H*-pyridin-1-yl)-benzoylamino]-indan-1-yl}-amide;
- (1*R*, 2*S*)-3-chloro-1*H*-indole-6-carboxylic acid {1-[4-(2-oxo-2*H*-pyridin-1-yl)-benzoylamino]-indan-2-yl}-amide;
- 25 *cis*-3-chloro-1*H*-indole-6-carboxylic acid {2-[4-(2-oxo-2*H*-pyridin-1-yl)-benzenesulfonylmethyl]-cyclohexyl}-amide;
- cis*-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2*H*-pyridin-1-yl)-benzenesulfonylmethyl]-cyclohexyl}-amide;
- cis*-*N*-[2-(4-chloro-benzenesulfonylmethyl)-cyclohexyl]-4-(2-oxo-2*H*-pyridin-
- 30 1-yl)-benzamide;
- cis*-*N*-[2-(4-chloro-benzenesulfonylmethyl)-cyclohexyl]-4-(2-oxo-2*H*-pyridin-1-yl)-benzamide;

- cis*-5-chloro-thiophene-2-sulfonic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzenesulfonylmethyl]-cyclohexyl}-amide;
- cis*-1-(4-chloro-phenyl)-3-{2-[4-(2-oxo-2H-pyridin-1-yl)-benzenesulfonylmethyl]-cyclohexyl}-urea;
- 5        *cis*-3-chloro-1H-indole-6-carboxylic acid {1-cyclopropanecarbonyl-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-4-yl}-amide;
- cis*-5-chloro-thiophene-2-carboxylic acid {1-cyclopropanecarbonyl-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-4-yl}-amide;
- 10        *cis*-1H-indole-6-carboxylic acid {1-cyclopropanecarbonyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-3-yl}-amide;
- (1*R*, 2*S*)-4-chloro-phenylcarboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-4-chloro-3-fluorophenylcarboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 15        (1*R*, 2*S*)-4-chloro-3-methylphenylcarboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-4-chloro-3-methoxyphenylcarboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-5-methyl-thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 20        (1*R*, 2*S*)-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-6-chloro-naphthalene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- 25        (1*R*, 2*S*)-6-chloro-1H-indole-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-5-chloro-1H-indole-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 30        (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclohexyl}-amide;

- (1*R*, 2*S*)-*N*-{2-[(5-chloro-thiophen-2-yl)methyl]-amino}-cyclopentyl}-4-(2-oxo-2H-pyridin-1-yl)-benzamide;
- (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyrazin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- 5 (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {1-[4-(2-oxo-2H-pyrazin-1-yl)-benzoylamino]-indan-2-yl}-amide;
- cis*-3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzenesulfonylamino]-cyclohexyl}-amide;
- (1*R*, 2*S*, 4*S*)-5-chloro-thiophene-2-carboxylic acid {4-dimethylcarbamoyl-2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 10 (1*R*, 2*S*, 4*S*)-5-chloro-thiophene-2-carboxylic acid {4-cyclopropylcarbamoyl-2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*, 4*S*)-5-chloro-thiophene-2-carboxylic acid {4-(morpholine-4-carbonyl)-2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 15 *cis*-3-chloro-1H-indole-6-carboxylic acid {1-methyl-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-4-yl}-amide;
- cis*-3-chloro-1H-indole-6-carboxylic acid {1-isopropyl-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-4-yl}-amide;
- (1*R*, 2*S*)-6-chloro-benzo[*b*]thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 20 (1*R*, 2*S*)-6-chloro-benzo[*b*]thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[2-fluoro-4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 25 (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyrazin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1*R*, 2*S*)-6-chloro-benzo[*b*]thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyrazin-1-yl)-benzoylamino]-cyclohexyl}-amide;
- (1*S*, 2*R*)-2-oxo-2H-[1,2']bipyridinyl-5'-carboxylic acid {2-[(5-chloro-thiophene-2-carbonyl)-amino]-cyclopentyl}-amide;
- 30 (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[3-methyl-4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;

- (3R,4S)-3-[(5-chloro-thiophene-2-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidine-1-carboxylic acid 9H-fluoren-9-yl methyl ester;
- (3R,4S)-5-chloro-thiophene-2-carboxylic acid {4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- 5 (3R,4S)-3-[(3-chloro-1H-indole-6-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidine-1-carboxylic acid 9H-fluoren-9-ylmethyl ester;
- (3R,4S)-3-chloro-1H-indole-6-carboxylic acid {4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- (3R,4S)-5-chloro-thiophene-2-carboxylic acid {1-acetyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- 10 (3R,4S)-3-chloro-1H-indole-5-carboxylic acid {1-acetyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- (3R,4S)-5-chloro-thiophene-2-carboxylic acid {1-cyclopropanecarbonyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- 15 (3R,4S)-5-chloro-thiophene-2-carboxylic acid {1-(2,2-dimethyl-propionyl)-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- (3R,4S)-5-chloro-thiophene-2-carboxylic acid {4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-1-propionyl-pyrrolidin-3-yl}-amide;
- (3R,4S)-5-chloro-thiophene-2-carboxylic acid {1-(2-methoxy-acetyl)-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- 20 (3R,4S)-5-chloro-thiophene-2-carboxylic acid {1-isobutyryl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- (3R,4S)-5-chloro-thiophene-2-carboxylic acid {1-benzoyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- 25 (3R,4S)-5-chloro-thiophene-2-carboxylic acid {1-methanesulfonyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- (3R,4S)-5-chloro-thiophene-2-carboxylic acid {1-ethanesulfonyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- (3R,4S)-5-chloro-thiophene-2-carboxylic acid [4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-1-(propane-2-sulfonyl)-pyrrolidin-3-yl]-amide;
- 30 (3R,4S)-5-chloro-thiophene-2-carboxylic acid [4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-1-(pyrrolidine-1-carbonyl)-pyrrolidin-3-yl]-amide;

- (3R,4S)-3-[(3-chloro-1H-indole-5-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidine-1-carboxylic acid ethyl ester;
- (3R,4S)-3-[(5-chloro-thiophene-2-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidine-1-carboxylic acid methyl ester;
- 5 (3R,4S)-3-[(5-chloro-thiophene-2-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidine-1-carboxylic acid ethyl ester;
- (3R,4S)-3-[(5-chloro-thiophene-2-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-pyrrolidine-1-carboxylic acid 2-methoxy-ethyl ester;
- (1S,3R,4S)-3-[(5-chloro-thiophene-2-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentanecarboxylic acid;
- 10 (1R,2S,4S)-5-chloro-thiophene-2-carboxylic acid {4-hydroxymethyl-2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1S,2R)-5-chloro-thiophene-2-carboxylic acid {1-[4-(2-oxo-piperidin-1-yl)-benzoylamino]-indan-2-yl}-amide;
- 15 (3S,4R)-5-chloro-thiophene-2-carboxylic acid {4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-tetrahydro-furan-3-yl}-amide;
- (3S,4R)-3-chloro-1H-indole-6-carboxylic acid {4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-tetrahydro-furan-3-yl}-amide;
- (1R,2S)-6-chloro-naphthalene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 20 (1R,2S)-5-chloro-3a,7a-dihydro-benzo[b]thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1R,2S)-3-chloro-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 25 (1R,2S)-2-chloro-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1R,2S)-3,4-dichloro-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1R,2S)-4-chloro-2-fluoro-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 30 (1R,2S)-2,4-dichloro-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;



- (1R,2S)-4-chloro-2-methyl-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1R,2S)-4-methoxy-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- 5 (1R,2S)-3-methoxy-phenyl-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1R,2S)-2-chloro-thiazole-5-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- (1R,2S)-N-{2-[3-(4-chloro-phenyl)-ureido]-cyclopentyl}-4-(2-oxo-2H-pyridin-1-yl)-benzamide;
- 10 (1S,2R)-[2,2']bithiophenyl-5-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-cyclopentyl}-amide;
- cis*-3-[(3-chloro-1H-indole-6-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidine-1-carboxylic acid *tert*-butyl ester;
- 15 *cis*-3-chloro-1H-indole-6-carboxylic acid {4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-3-yl}-amide;
- cis*-5-chloro-thiophene-2-carboxylic acid {1-cyclopropanecarbonyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-3-yl}-amide;
- cis*-3-chloro-1H-indole-6-carboxylic acid {1-methanesulfonyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-3-yl}-amide;
- 20 *cis*-3-chloro-1H-indole-6-carboxylic acid {1-acetyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-3-yl}-amide;
- cis*-3-[(3-chloro-1H-indole-6-carbonyl)-amino]-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidine-1-carboxylic acid ethyl ester;
- 25 *cis*-3-chloro-1H-indole-6-carboxylic acid {1-dimethylcarbamoyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-3-yl}-amide;
- cis*-3-chloro-1H-indole-6-carboxylic acid {1-cyclopropanecarbonyl-4-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-3-yl}-amide;
- cis*-4-[(3-chloro-1H-indole-6-carbonyl)-amino]-3-[4-(2-oxo-piperidin-1-yl)-benzoylamino]-piperidine-1-carboxylic acid *tert*-butyl ester;
- 30 *cis*-4-[(3-chloro-1H-indole-6-carbonyl)-amino]-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidine-1-carboxylic acid *tert*-butyl ester;

*cis*-3-chloro-1H-indole-6-carboxylic acid {1-methanesulfonyl-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-4-yl}-amide;

*cis*-3-chloro-1H-indole-6-carboxylic acid {1-acetyl-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-4-yl}-amide;

5        *cis*-3-chloro-1H-indole-6-carboxylic acid {1-dimethylcarbamoyl-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-4-yl}-amide;

*cis*-{1-cyclopropanecarbonyl-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-piperidin-4-yl}-carbamic acid benzyl ester;

(3R,4S)-3-(2-chlorothiophene-5-carboxamido)-N-methyl-4-(4-(2-oxopyridin-10    1(2H)-yl)benzamido)pyrrolidine-1-carboxamide; and

(3R,4S)-3-(2-chlorothiophene-5-carboxamido)-N,N-dimethyl-4-(4-(2-oxopyridin-1(2H)-yl)benzamido)pyrrolidine-1-carboxamide;  
or a pharmaceutically acceptable salt form thereof.

15            9. A compound according to Claim 1, wherein the compound is selected from Examples 128-429 of Table 1.

10. A pharmaceutical composition, comprising: a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 1 or a  
20    pharmaceutically acceptable salt form thereof.

11. A method for treating a thromboembolic disorder, comprising:  
administering to a patient in need thereof a therapeutically effective amount of a  
compound of Claim 1 or a pharmaceutically acceptable salt form thereof.

25            12. A method according to Claim 11, wherein the thromboembolic disorder is selected from the group consisting of arterial cardiovascular thromboembolic disorders, venous cardiovascular thromboembolic disorders, and thromboembolic disorders in the chambers of the heart.

30            13. A method according to Claim 11, wherein the thromboembolic disorder is selected from unstable angina, an acute coronary syndrome, first myocardial

infarction, recurrent myocardial infarction, ischemic sudden death, transient ischemic attack, stroke, atherosclerosis, peripheral occlusive arterial disease, venous thrombosis, deep vein thrombosis, thrombophlebitis, arterial embolism, coronary arterial thrombosis, cerebral arterial thrombosis, cerebral embolism, kidney embolism, pulmonary embolism, and thrombosis resulting from (a) prosthetic valves or other implants, (b) indwelling catheters, (c) stents, (d) cardiopulmonary bypass, (e) hemodialysis, or (f) other procedures in which blood is exposed to an artificial surface that promotes thrombosis.

- 10           14. A method for treating a thromboembolic disorder, comprising:  
administering to a patient in need thereof a therapeutically effective amount of a first  
and second therapeutic agent, wherein the first therapeutic agent is compound of  
Claim 1 or a pharmaceutically acceptable salt thereof and the second therapeutic agent  
is at least one agent selected from a second factor Xa inhibitor, an anti-coagulant  
15   agent, an anti-platelet agent, a thrombin inhibiting agent, a thrombolytic agent, and a  
fibrinolytic agent.